FILE NOTATIONS

ıtered in NID File	.....	Checked by Chief	.....
cation Map Pinned	.....	Approval Letter	.....
ırd Indexed	.....	Disapproval Letter	.....

COMPLETION DATA:

Well Completed	1/13/78	Location Inspected	.....
..... WW..... TA.....		Bond released	
GW..... OS..... PA.....		State or Fee Land	.....

LOGS FILED

Driller's Log.....

Electric Logs (No.) .....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

Log..... CCLog..... Others.....

Form OGC-1a

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
Oil Well [ ] Gas Well [X] Other — Single Zone [X] Multiple Zone [ ]

2. Name of Operator
American Quasar Petroleum Co.

3. Address of Operator
204 Superior Bldg. 201 N. Wolcott, Casper, Wyo. 82601

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface
909.1' FSL and 823.8' FEL
At proposed prod. zone
Same

14. Distance in miles and direction from nearest town or post office*
Approx. 15 miles east of Coalville, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 823.8'

16. No. of acres in lease 160

17. No. of acres assigned to this well 40

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 266'

19. Proposed depth 4000'

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
6610 GR

22. Approx. date work will start* 9-14-78

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name
Pineview

9. Well No.
4-4S

10. Field and Pool, or Wildcat
Pineview

11. Sec., T., R., M., or Blk. and Survey or Area
4-2N-7E

12. County or ~~Parish~~ 13. State
Summit Utah

RECEIVED
SEP 13 1978
DIVISION OF OIL, GAS, & MINING

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4	8 5/8	24#	500'	500 SX (to surface)
7 7/8	5 1/2	14#	4000'	300 SX

Proposed Operations:

Drill 12 1/4" hole to 500'± using native mud.

Run and cement to surface 8 5/8" casing.

Nipple up 12" - 3000 psi WP doublegate BOP and Hydril. Pressure test stack.

Drill 7 7/8" hole to total depth with dispersed mud system.

Run DIL, Sonic-GR, Neutron-Density and Dipmeter logs.

Run 5 1/2" production casing if needed and cement.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

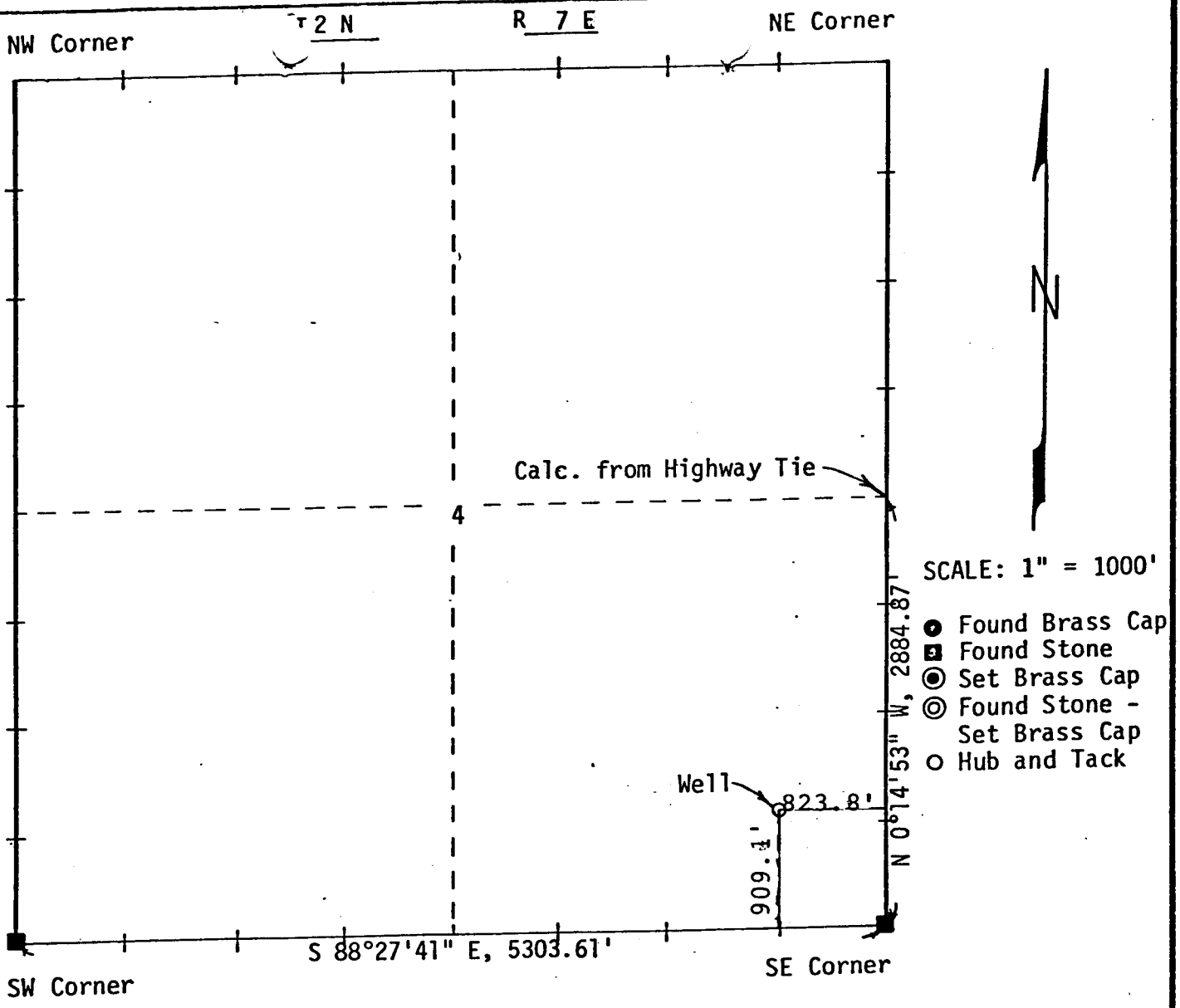
24.
Signed Kerry Kaltenbach Title Division Drilling Eng. Date 9-11-78

(This space for Federal or State office use)

Permit No. ..... Approval Date .....

Approved by ..... Title ..... Date .....
Conditions of approval, if any:

*See Instructions On Reverse Side



I, John A. Proffit of Evanston, Wyoming certify that in accordance with a request from Kary Katlenbacher of Casper, Wyoming for American Quasar Petroleum Co. I made a survey on the 7 th day of September, 19 78 for Location and Elevation of the _____ as shown on the above map, the wellsite is in the SE¼SE¼ of Section 4, Township 2 N, Range 7 E of the Salt Lake Base & Meridian, Summit County, State of Utah, Elevation is 6610.3 Feet top of hub Datum U.S.G.S. BM SW¼NE¼ Section 3, T 2 N, R 7 E

Reference point	200 feet West	Elev. top of pin 6612.8
Reference point	300 feet West	" 6609.9
Reference point	200 feet North	" 6600.4
Reference point	300 feet North	" 6594.5

John A. Proffit 9/12/78
JOHN A. PROFFIT UTAH R.L.S. NO. 2860

DATE: Sept.7,1978
JOB NO.: 78-14-22

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

Sept 18

** FILE NOTATIONS **

Date: Sept. 18-

Operator: American Quasar

Well No: Pinerim 4-5

Location: Sec. 4 T. 2N R. 7E County: Summit

File Prepared: [ ] Entered on N.I.D.: [ ]

Card Indexed: [ ] Completion Sheet: [ ]

API Number: 43-043-30083

CHECKED BY:

Administrative Assistant:

Remarks: 4-3, SESE, Hyggen - Kelvin - OC

Petroleum Engineer: Topo. O.K.

Remarks:

Director:

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: [ ] Survey Plat Required: [ ]

Order No. _____ Surface Casing Change to _____ [ ]

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site [✓]

O.K. Rule C-3 [ ] O.K. In _____ Unit

Other:

Kelvin Sever. Only
Outside Pinerim
Spaced Well

[✓] Letter Written/~~Approved~~

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER (Completion)

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 909.1' FSL & 823.8' FEL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Pineview

9. WELL NO.: 4-4S

10. FIELD AND POOL, OR WILDCAT: Pineview

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 4-2N-7E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6610' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			☒
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This is a Monthly Report of Operations for period 10/1-24/78 (see attached chronological report).

Well now being completed.

18. I hereby certify that the foregoing is true and correct

SIGNED John F. Sindelar TITLE Division Drlg. Supt. DATE 11/14/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co., Utah
Pineview Prosp.

10/11/78 22 days - TD 28[illegible]. Drld. & cored 27'. POH w/jammed core bbl. MW 10.0; vis 55; WL 7.2; pH 9.5. Pulled bit #RR7 @ 2867'. Bit drld. 52' in 6¼ hrs. Dull grade 2-2-1/16". PU & TIH w/core bbl. & bit #RR6 (8-3/4" Chr. MC23 - SN 652291) @ 2867'. Pulled bit #RR6 @ 2872'. Cored 5' in 2 hrs. Lost 45 bbls. mud @ 2867'. Now POH w/jammed core bbl.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co., Utah
Pineview Prosp.

10/12/78 23 days - TD 2918'. Cored 46'. POH w/core #5. MW 10.0; vis 70; WL 7.4; pH 9.0. Finished pulling core #4. Rec. 3' of sd & 1' of sltstn. Reran core bit #6 (8-3/4" Chr. MC23 - SN 652291) @ 2872' for core #5. Cored 46' in 12¼ hrs. Now POH.

PINEVIEW #4-4S
(4000' Kelvin-dev)
Summit Co., Utah
Pineview Prosp

10/13/78 24 days - TD 2918'. Running DST #3. MW 10.0, vis 57, WL 7.6, pH 8.5. TD core #5; rec 44', 13' sh, 31' sdy sltsn w/no shows. Ran DST #3 2823-2918'. IO 10 min w/GTS in 7 min. Now running DST #3.

PINEVIEW #4-4S
(4000' Kelvin - dev)
Summit Co., Utah
Pineview Prosp.

10/14/78 25 days - Drlg. @ 2955'. Drld. 37' in 6-3/4 hrs. MW 10.0; vis 53; WL 7.6; pH 9.0. Ran DST #3 - 2823-2918'. TO 10 min--w/good blow; GTS in 7 min; SI 60 min; TO 150 min--w/good blow; mud to surf in 10 min; OTS in 15 min; 30-min test thru separator made 21½ BO; gas flowed @ 534 MCFD on 24/64" chk @ 320 psi; SI 120 min. Reversed out 10 BO. Pulled DST #3. Bomb depth 2833'. IHP 1484; IFP 356/537; ISIP 1317; FFP 648/1021; FSIP 1317; FHP 1480; BHT 97° F. Smplr cap: 2150 cc's; rec. @ 850 psi, 7.5 cuft gas + 1400 cc's oil + 300 cc's mud. Ran bit #9 (8-3/4" Smith L4H - SN 351NE) @ 2918'. Bit has drld. 37' in 6-3/4 hrs. Drlg. wt 25,000#; RPM 75.

10/15 26 days - TD 2979'. Drlg. & cored 24' in 13¾ hrs. Running core #7. MW 10.1; vis 55; WL 7.4; pH 9.5. Pulled bit #9 @ 2961'. Bit drld. 43' in 12-3/4 hrs. Dull grade 4-2-I. Reran core bit #6 (8-3/4" Chr. MC23 - SN 652291) @ 2961' for core #6. Pulled bit #6 @ 2971'. Cored 10' in 4-3/4 hrs. Rec. 10' of fractured ss. Core bbl jammed. Reran core bit #6 @ 2971' for core #7. Have cored 8' in 4½ hrs. Coring wt 15,000#; RPM 60.

10/16 27 days - TD 3006'. Cored 27' in 12-3/4 hrs. TIH for core #9. MW 10.0; vis 55; WL 7.8; pH 9.0. Pulled core #7 @ 2984'. Rec. 13' of fractured ss. Reran core bit #6 @ 2984' for core #8. Pulled core #8 @ 3006'. Rec. 2' fractured ss & 20' red shale. Now rerunning core bit #6 @ 3006' for core #9. Coring wt 15-20,000#; RPM 60.

PINEVIEW #4-4S
(4000' Kelvin-develop)
Summit Co., Utah
Pineview Prosp.

10/17/78 28 days - Drlg. @ 3132'. Drld. 126' in 10 hrs. MW 10.0; vis 56; WL 8.4; pH 9.5. Finished running core bit #6 @ 3006'. Pulled core #9 @ 3025'. Rec. 19' of shale. Ran bit #RR5 (8-3/4" Hughes J22 - SN MF317). Bit has drld. 107' in 10 hrs. Drlg. wt 25,000#; RPM 80.

PINEVIEW #4-4S
Summit Co., Utah

10/31/78 MI pump, circ. tank & 105 jts 2-3/8" tbg. RU thermopak & test tanks. Installed siamese adaptor & doublegate BOP. CIW.

JOHNSTON

PRESSURE LOG*

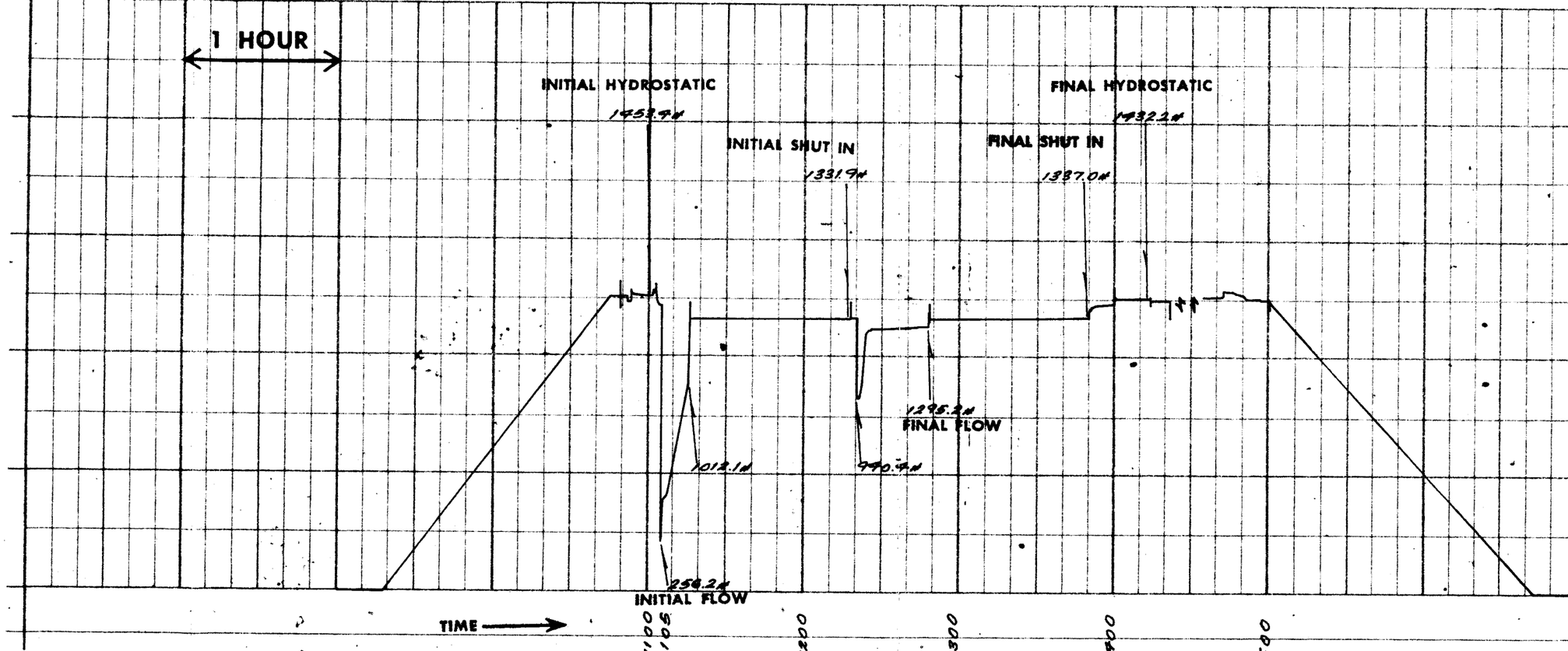
Field Report No. 21367 D

Instrument:
Number J-305

Capacity 2800 p.s.i.

Depth 2805 ft.

*a continuous tracing of the original chart



FILE IN QUADRUPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Pineview 4-4S

Operator: American Quasar Petroleum Co. Address: Casper, Wyo.

Contractor: Brinkerhoff Drilling Co. Address: Casper, Wyo.

Location SE 1/4 SE 1/4; Sec. 4 T. 2 N, R. 7 E; Summit County.

Water Sands:

	Depth:		Volume:	Quality:
	From-	To-	Flow Rate or Head	Fresh or Salty
1.	947		9.7# mud to hold	
2.	1599'— 1701' DST 4		To surface in 36 min.	1100 ppm
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

Wanship Surface
Kelvin 2994

Remarks:

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

JOHNSTON

Schlumberger

computerized data analysis

F.R. #21367 D

COMPANY AMERICAN QUASAR PETROLEUM COMPANY WELL PINEVIEW #4-4S TEST NO. 2 COUNTY SUMMIT STATE UTAH

JOHNSTON
Schlumberger

COMPUTERIZED DATA ANALYSIS

OCTOBER 17, 1978

GENTLEMEN:

THE ENCLOSED TEST APPEARS TO BE A GOOD MECHANICAL DRILL STEM TEST DURING WHICH THE TOOLS DID FUNCTION PROPERLY. THE FORMATION DID PRODUCE ENOUGH RESERVOIR FLUID FOR PROPER IDENTIFICATION. RESERVOIR PRESSURE DRAWDOWN WAS SUFFICIENT AND ADEQUATE SHUT-IN BUILD-UPS DID OCCUR FOR RELIABLE QUANTITATIVE ANALYSIS. RESERVOIR PARAMETERS WERE CALCULATED BY THE HORNER METHOD.

1. FLOW RATE: AN ESTIMATED FLOW RATE OF 1068 BBLS/DAY OF OIL WAS NOTED DURING THIS TEST.

2. RESERVOIR PRESSURE: MECHANICAL STABILIZATION OF THE INITIAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 1332 P.S.I.G. AT RECORDER DEPTH. EXTRAPOLATION OF THE FINAL SHUT-IN PRESSURE BUILD-UP INDICATES A MAXIMUM RESERVOIR PRESSURE OF 1339 P.S.I.G. AT RECORDER DEPTH. THE DIFFERENCE BETWEEN THE INITIAL AND FINAL SHUT-IN PRESSURE OF +7 P.S.I.G. IS INSIGNIFICANT.

3. PERMEABILITY: THE CALCULATED TRANSMISSIBILITY FACTOR OF 22967 MD.-FT./CP. INDICATES AN AVERAGE EFFECTIVE PERMEABILITY TO OIL OF 3560 MD. FOR THE REPORTED 20 FOOT NET INTERVAL. THE CALCULATIONS WERE BASED ON A SLOPE OF 8 P.S.I./LOG CYCLE OBTAINED FROM THE FINAL SHUT-IN BUILD-UP PLOT. IT WAS ASSUMED FOR THESE CALCULATIONS: (A) THE 34.1° API AT 60°F. OIL CONTAINED 91 CU.FT./BBL. OF ORIGINAL DISSOLVED GAS (B) VISCOSITY 3.1 CP., (C) FORMATION VOLUME FACTOR 1.058 BBL/BBL. THESE FIGURES WERE OBTAINED FROM THE AVAILABLE TECHNICAL LITERATURE.

4. WELL BORE DAMAGE: THE CALCULATED DAMAGE RATIO OF 0.71 INDICATES THAT NO WELL BORE DAMAGE IS PRESENT AT THE TIME AND CONDITIONS OF THIS TEST.

5. RADIUS OF INVESTIGATION: THE CALCULATED RADIUS OF INVESTIGATION OF THIS TEST IS 838 FEET BASED ON AN ASSUMED POROSITY OF 15%, COMPRESSIBILITY OF 7.0 X 10^{-6}, AND OTHER ASSUMPTIONS MADE IN NUMBER 3 ABOVE.

6. GENERAL COMMENTS: THE FORMATION EXHIBITS THE CHARACTERISTICS OF RELATIVELY HIGH PERMEABILITY EFFECTIVE TO THE RESERVOIR FLUID AND INDICATES THE ABSENCE OF WELL BORE DAMAGE. NO ANOMALIES WERE INDICATED ON THIS TEST.

Dennis Myren per

DENNIS MYREN
RESERVOIR EVALUATION
DEPARTMENT

AMERICAN QUASAR PETROLEUM COMPANY
PINEVIEW #4-4S; SUMMIT COUNTY, UTAH
TEST #2; 2785' TO 2815'
LOCATION: SEC. 4 - T2N - R7E

F.R. #21367 D

Reservoir Engineering Data

JOHNSTON

Recorder No. J-305 Field Report No. 21367 D

Damage Ratio	DR	0.71		Effective Transmissibility OIL	$\frac{Kh}{\mu B}$	22967	$\frac{Md\text{-}ft.}{Cp.}$
Maximum Reservoir Pressure INITIAL SHUT-IN	P_o	1332	P.S.I.G.	Effective Transmissability	$\frac{Kh}{\mu B}$	–	$\frac{Md\text{-}ft.}{Cp.}$
Slope of Shut-in Curve FINAL SHUT-IN	M	8.0	PSI/log cycle	Flow Rate (ESTIMATED) OIL	Q	1068	Bbl./day
Potentiometric Surface (Datum Plane, Sea Level)	PS	–	ft.	Pressure Gradient		0.475	PSI/ft.
Productivity Index	PI	28.87	Bbl./day/PSI	Gas Oil Ratio SAMPLE CHAMBER	GOR	91	CF/Bbl.
Radius of Investigation		838	ft.	K (Effective to OIL)		3560	Md.

SLOPE M = 1339 – 1331 = 8

Assumptions made for Calculations for Liquid Recoveries

1. Q is averaged at a constant rate.
2. P_f is formation flowing pressure at a constant rate.
3. Formation flow is taken as single phase flow.
   If gas is produced at surface, phase separation is assumed to have occurred in drill pipe.
4. Radial flow is assumed.
5. For the purpose of calculating EDR where specific reservoir parameters are not available it is assumed that:

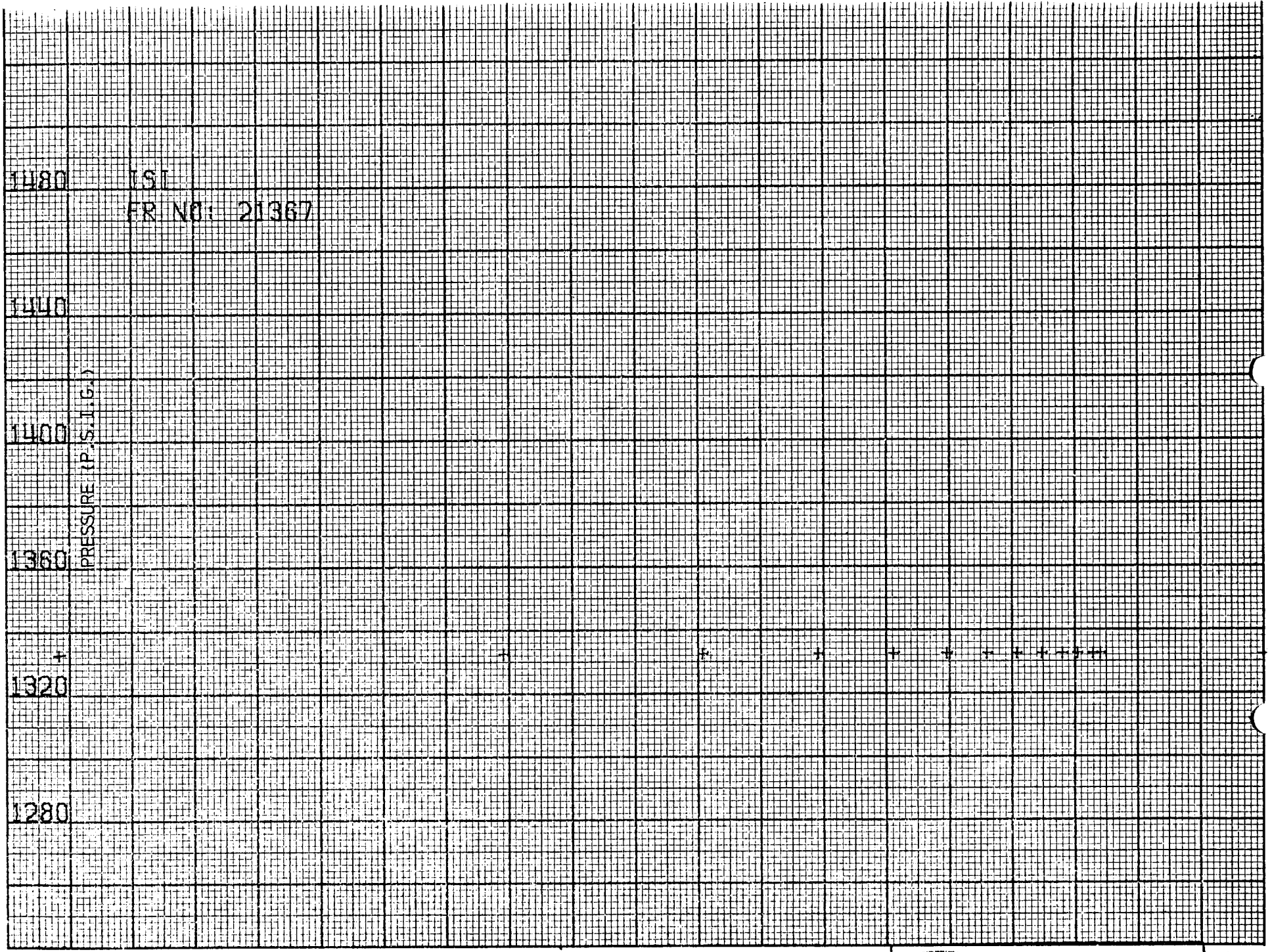
Effective permeability, K, will fall between	1 to 200 md
Formation porosity, ϕ, will fall between	0.1 to 0.3
Fluid compressibility, c, will fall between	10^{-6} to 10^{-4}
Fluid viscosity, μ, will fall between	0.05 to 50 cp.
Well bore radius, r_w, will fall between	$3\frac{7}{8}$" to $4\frac{3}{8}$"
Which gives an average value for the function log $\frac{K}{\phi\mu c r_w^2}$ of	5.5

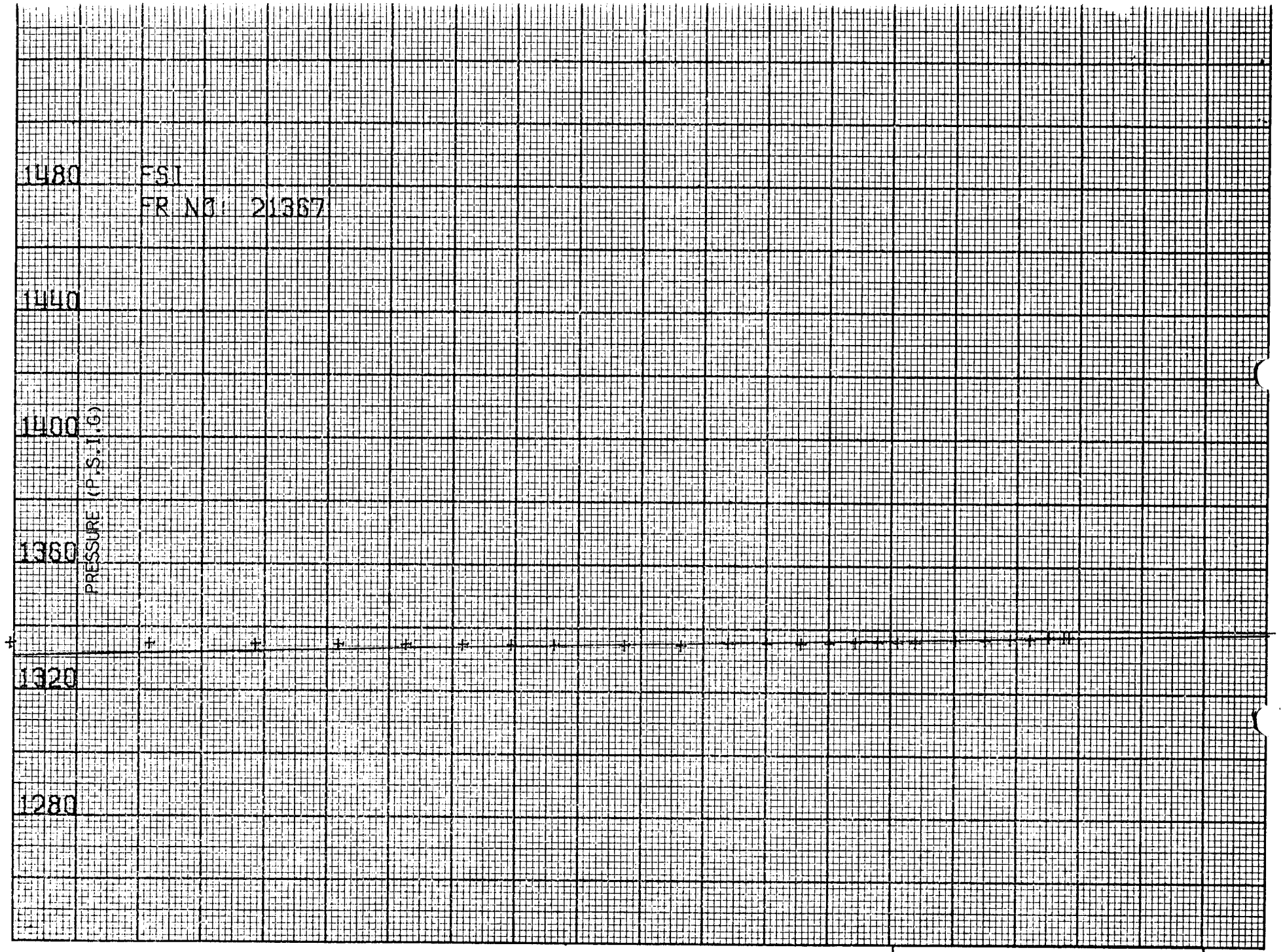
6. Other standard radial flow, equilibrium assumptions.

Empirical Equations:

1. $EDR = \frac{P_o - P_f}{M(\log T + 2.65)}$ where $M = \frac{P_1 - P_{10}}{\text{Log Cycle}}$
2. Transmissibility $\frac{Kh}{\mu\beta} = \frac{162.6\,Q}{M}$
3. DST $J = \frac{Q}{P_o - P_f}$ Theoretical $J = \frac{7.08 \times 10^{-3}\,Kh}{\mu\beta \ln (r_e/r_w)}$ Assumed $\ln (r_e/r_w) = 7.60$
4. P.S. = [$P_o \times 2.309$ ft./PSI] – [Recorder depth to sea level.]
5. Radius of investigation, $r_i = \sqrt{\frac{Kt}{40\phi\mu c}}$ where t = time in days

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.


1480
ISI
FR NO: 21367
1440
1400
PRESSURE (P.S.I.G.)
1360
1320
1280
0.5
LOG OF $\frac{T + \Delta T}{\Delta T}$
0
JOHNSTON
COMPUTERIZED
PLOT


1480
FSI
FR NO: 21367
1440
1400
1360
1320
1280
PRESSURE (P.S.I.G)
1.0
0.5
LOG OF (T + ΔT)/ΔT
0
JOHNSTON
COMPUTERIZED
PLOT

JOHNSTON
Schlumberger

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool	1105	–	–
GAS TO SURFACE	1111	70	1/8''
GAS, 59 MCF/DAY	1115	155	''
CLOSED FOR INITIAL SHUT-IN	1115	155	''
FINISHED SHUT-IN	1217	–	–
RE-OPENED TOOL	1220	20	1/4''
HIGHLY GAS CUT OIL TO	1224	150	''
SURFACE			
	1245	395	''
	1250	395	''
FLOWED 9 1/2 BBL. OIL			
CLOSED FOR FINAL SHUT-IN	1250	395	–
FINISHED SHUT-IN	1350	–	–
PULLED PACKER LOOSE	1351	–	–

Cushion Type	Amount	Pressure	Bottom Choke Size
	–		3/4''

MUD DATA

Mud Type: L.S.N.D. Wt.: 9.8+
Viscosity: 55 Water Loss: 6.0 C.C.
Resist. of Mud: – @ – °F; of Filtrate: 10 @ 66 °F
Chloride Content: 200 PPM

EQUIPMENT & HOLE DATA

Type Test: M.F.E. OPEN HOLE
Formation Tested: WANSHIP
Elevation: – Ft.
Net Productive Interval: 20 Ft.
Estimated Porosity: – %
All Depths Measured From: KELLY BUSHING
Total Depth: 2815 Ft.
Main Hole/Casing Size: 8 3/4''
Rat Hole/Liner Size: –
Drill Collar Length: 450' I.D. 2 3/8''
Drill Pipe Length: 2300' I.D. 3.340''
Packer Depth(s): 2780 & 2785 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure: 600 P.S.I.G. at Surface
Recovery: Cu. Ft. Gas: 1.03
cc. Oil: 1800
cc. Water: –
cc. Mud: –
Tot. Liquid cc.: 1800
Gravity: 34.1 °API @ 60 °F.
Gas/Oil Ratio: 90.9 cu. ft./bbl.

	Resistivity	Chloride Content
Recovery Water	– @ – °F.	– ppm
Recovery Mud	– @ – °F.	
Recovery Mud Filtrate	– @ – °F.	– ppm
Mud Pit Sample	– @ – °F.	
Mud Pit Sample Filtrate	10 @ 66 °F.	200 ppm

Recovery Description	Feet	Barrels	% Oil	% Water	% Others	API Gravity	Resistivity	Chl. PPM
REVERSED OUT: HIGHLY GAS CUT OIL	2752	27.32				34.1 @ 60 °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: PACKER SLID ABOUT 8-10'' WHEN TOOL WAS CYCLED FOR INITIAL SHUT-IN.

Address: 204 SUPERIOR BUILDING; 201 N. WOLCOTT; CASPER, WYOMING 82601
Company: AMERICAN QUASAR PETROLEUM COMPANY Field: PINEVIEW
Well: PINEVIEW #4-4S Location: SEC. 4 - T2N - R7E
Test Interval: 2785' TO 2815' Test #: 2 Date: 10-9-78
County: SUMMIT State: UTAH
Technician: NYE (CASPER) Test Approved By: MR. PEYTON DUNHAM
Field Report No.: 21367 D
No. Reports Requested: 22 (11X'S)

JOHNSTON Schlumberger

BOTTOM HOLE PRESSURE AND TIME DATA

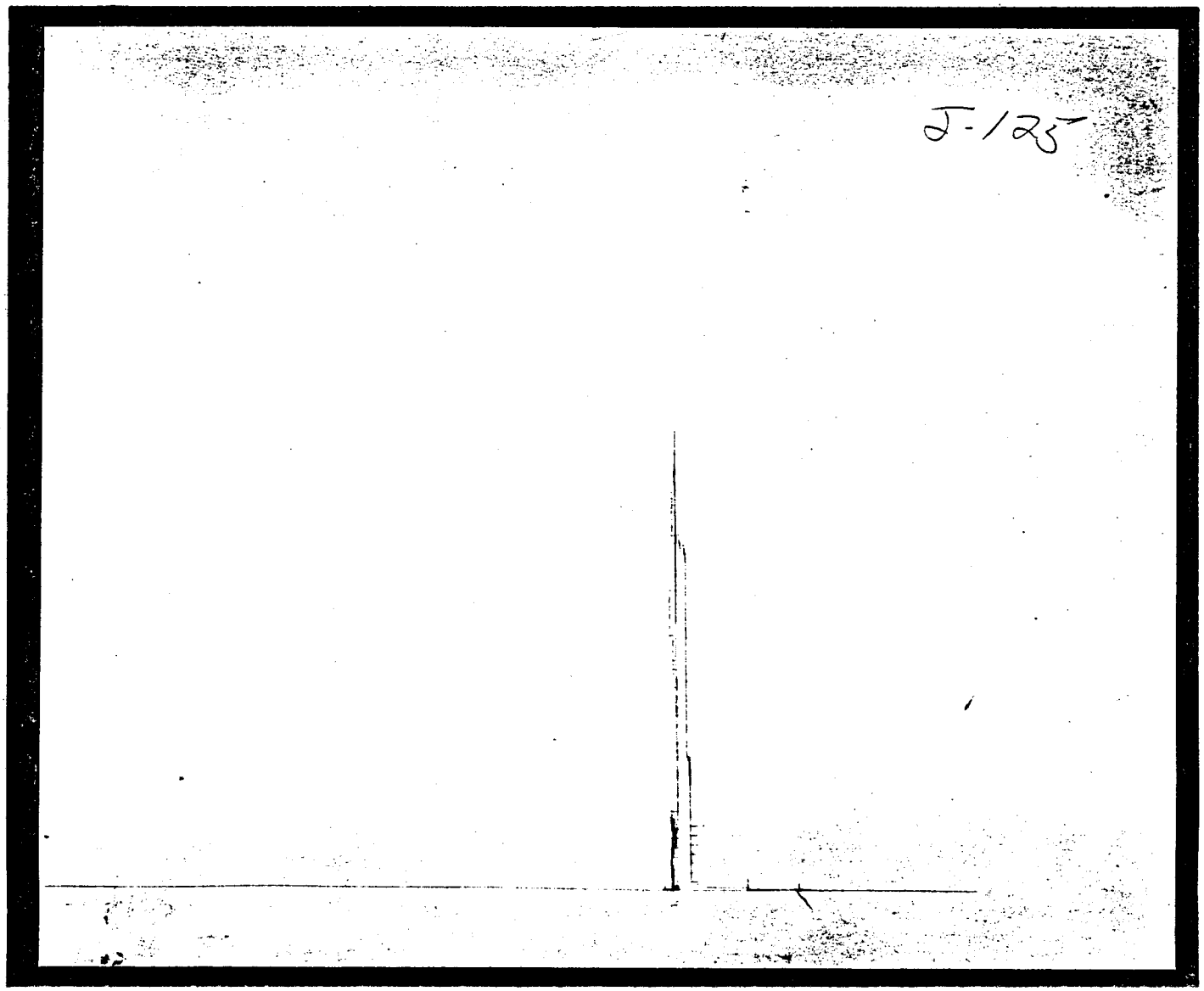
INSTRUMENT NO.: J-125 CAPACITY (P.S.I.): 2800# DEPTH 2796 FT.

PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 123°F. FIELD REPORT NO. 21367 D

DESCRIPTION	LABELED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD				
INITIAL FLOW (1)				
INITIAL FLOW (2)				
INITIAL SHUT-IN				
SECOND FLOW (1)				
SECOND FLOW (2)				
SECOND SHUT-IN				
FINAL FLOW (1)				
FINAL FLOW (2)				
FINAL SHUT-IN				
FINAL HYDROSTATIC MUD				

REMARKS: CLOCK STOPPED, NO PRESSURES RECORDED.

22+



JOHNSTON
Schlumberger

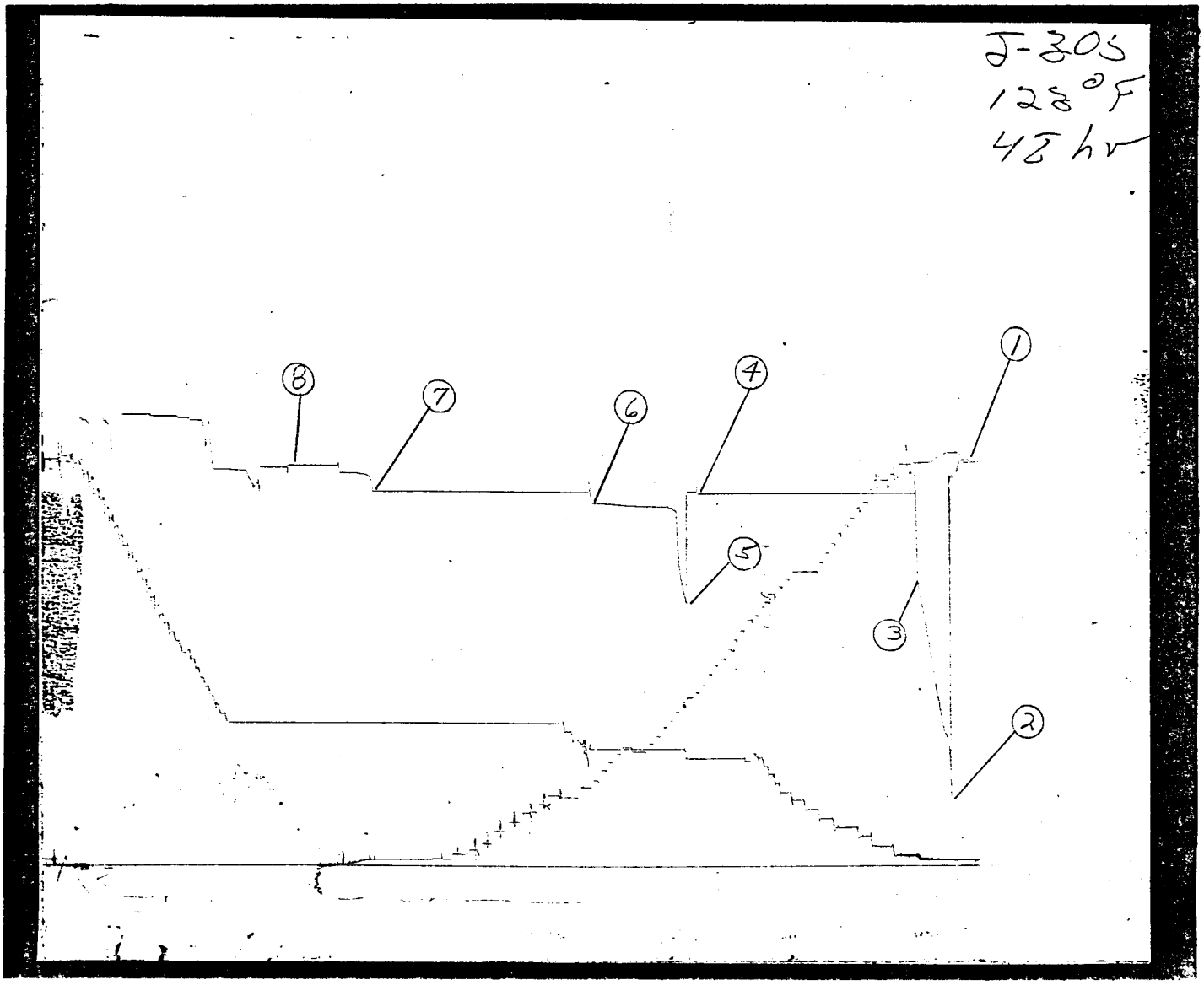
FIELD REPORT NO.: 21367 D

INSTRUMENT NO.: J-305

CAPACITY: 2800#

NO. OF REPORTS: 22+

PRESSURE DATA FROM THIS CHART IS PRESENTED ON NEXT PAGE



BOTTOM HOLE PRESSURE AND TIME DATA

JOHNSTON Schlumberger

INSTRUMENT NO.: J-305 CAPACITY(P.S.I.): 2800 DEPTH: 2805 FT.

PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 123

DESCRIPTION	LABELED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	1453.4		
INITIAL FLOW(1)	2	256.2		
INITIAL FLOW(2)	3	1012.1	10	10
INITIAL SHUT-IN	4	1331.9	62	63
FINAL FLOW(1)	5	940.4		
FINAL FLOW(2)	6	1295.2	30	27
FINAL SHUT-IN	7	1337.0	60	62
FINAL HYDROSTATIC MUD	8	1432.2		

INCREMENTAL READINGS

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
1		1453.4				
2	0	256.2				HYDROSTATIC MUD
	3	543.9				INITIAL FLOW(1)
	6	762.2				
	9	972.0				
3	10	1012.1				
3	0	1012.1				INITIAL FLOW(2)
	5	1331.9	3.000	0.477	319.8	STARTED SHUT-IN
	10	1331.9	2.000	0.301	319.8	
	15	1331.9	1.667	0.222	319.8	
	20	1331.9	1.500	0.176	319.8	
	25	1331.9	1.400	0.146	319.8	
	30	1331.9	1.333	0.125	319.8	
	35	1331.9	1.286	0.109	319.8	
	40	1331.9	1.250	0.097	319.8	
	45	1331.9	1.222	0.087	319.8	
	50	1331.9	1.200	0.079	319.8	
	55	1331.9	1.182	0.073	319.8	
	60	1331.9	1.167	0.067	319.8	
4	63	1331.9	1.159	0.064	319.8	
5	0	940.4				INITIAL SHUT-IN
	3	1152.5				FINAL FLOW(1)
	6	1283.7				
	9	1283.7				
	12	1284.3				
	15	1286.6				
	18	1287.7				
	21	1291.2				
	24	1295.2				
6	27	1295.2				
6	0	1295.2				FINAL FLOW(2)
	1	1334.2	28.000	1.447	39.0	STARTED SHUT-IN
	2	1334.2	14.500	1.161	39.0	
	3	1334.2	10.000	1.000	39.0	
	4	1334.2	7.750	0.889	39.0	

LABEL POINT	DELTA TIME	PRESSURE (P.S.I.)	T + DT/DT	LOG	PW - PF (P.S.I.)	COMMENTS
	5	1334.2	6.400	0.806	39.0	
	6	1334.2	5.500	0.740	39.0	
	7	1334.2	4.857	0.686	39.0	
	8	1334.2	4.375	0.641	39.0	
	9	1334.2	4.000	0.602	39.0	
	10	1334.2	3.700	0.568	39.0	
	12	1334.2	3.250	0.512	39.0	
	14	1334.2	2.929	0.467	39.0	
	16	1334.7	2.687	0.429	39.5	
	18	1334.7	2.500	0.398	39.5	
	20	1334.7	2.350	0.371	39.5	
	22	1334.7	2.227	0.348	39.5	
	24	1335.3	2.125	0.327	40.1	
	26	1335.3	2.038	0.309	40.1	
	28	1335.3	1.964	0.293	40.1	
	30	1335.3	1.900	0.279	40.1	
	35	1335.9	1.771	0.248	40.7	
	40	1335.9	1.675	0.224	40.7	
	45	1336.5	1.600	0.204	41.3	
	50	1336.5	1.540	0.188	41.3	
	55	1337.0	1.491	0.173	41.8	
	60	1337.0	1.450	0.161	41.8	
7	62	1337.0	1.435	0.157	41.8	FINAL SHUT-IN
8		1432.2				HYDROSTATIC MUD

COMPANY AMERICAN QUASAR PETROLEUM COMPANY WELL PI REVIEW #4-4S TEST NO. 1 COUNTY SUMMIT STATE UTAH

JOHNSTON

Schlumberger

technical report

F.R. #21366 D

JOHNSTON
Schlumberger

SURFACE INFORMATION

Description (Rate of Flow)	Time	Pressure (P.S.I.G.)	Surface Choke
Opened Tool			
–			

Cushion Type	Amount	Pressure	Bottom Choke
	–		Size 3/4''

MUD DATA

Mud Type L.S.N.D. Wt. –
Viscosity – Water Loss – C.C.
Resist. of Mud – @ – °F; of Filtrate – @ – °F
Chloride Content – PPM

EQUIPMENT & HOLE DATA

Type Test M.F.E. OPEN HOLE
Formation Tested –
Elevation – Ft.
Net Productive Interval – Ft.
Estimated Porosity – %
All Depths Measured From KELLY BUSHING
Total Depth 2815 Ft.
Main Hole/Casing Size 8 3/4''
Rat Hole/Liner Size –
Drill Collar Length – I.D. –
Drill Pipe Length – I.D. –
Packer Depth(s) 2770 & 2775 Ft.

MULTI-FLOW EVALUATOR FLUID SAMPLE DATA

Sampler Pressure ____ P.S.I.G. at Surface
Recovery: Cu. Ft. Gas ____
cc. Oil ____
cc. Water ____
cc. Mud ____
Tot. Liquid cc. ____
Gravity ____ °API @ ____ °F.
Gas/Oil Ratio ____ cu. ft./bbl.

		RESISTIVITY	CHLORIDE CONTENT
Recovery Water	____ @ ____ °F.		____ ppm
Recovery Mud	____ @ ____ °F.		
Recovery Mud Filtrate	____ @ ____ °F.		____ ppm
Mud Pit Sample	____ @ ____ °F.		
Mud Pit Sample Filtrate	____ @ ____ °F.		____ ppm

RECOVERY DESCRIPTION	FEET	BARRELS	% OIL	% WATER	% OTHERS	API GRAVITY	RESISTIVITY	CHL. PPM
VERY HIGHLY GAS CUT MUD	780	–				@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	
						@ °F.	@ °F.	

Remarks: UNSUCCESSFUL TEST; PACKER SEAT FAILURE.

Address 204 SUPERIOR BUILDING; 201 N. WOLCOTT; CASPER, WYOMING 82601

Company AMERICAN QUASAR PETROLEUM COMPANY Field PINEVIEW
Well PINEVIEW #4-4S Location SEC. 4 - T2N - R7E
Test Interval 2775' TO 2815' (UNSUCCESSFUL) Test # 1 Date 10-8-78

County SUMMIT State UTAH Field Report No. 21366 D
Technician NYE (CASPER) Test Approved By MR. TOM TAYLOR No. Reports Requested 22(11X'S)

JOHNSTON
Schlumberger

BOTTOM HOLE PRESSURE AND TIME DATA

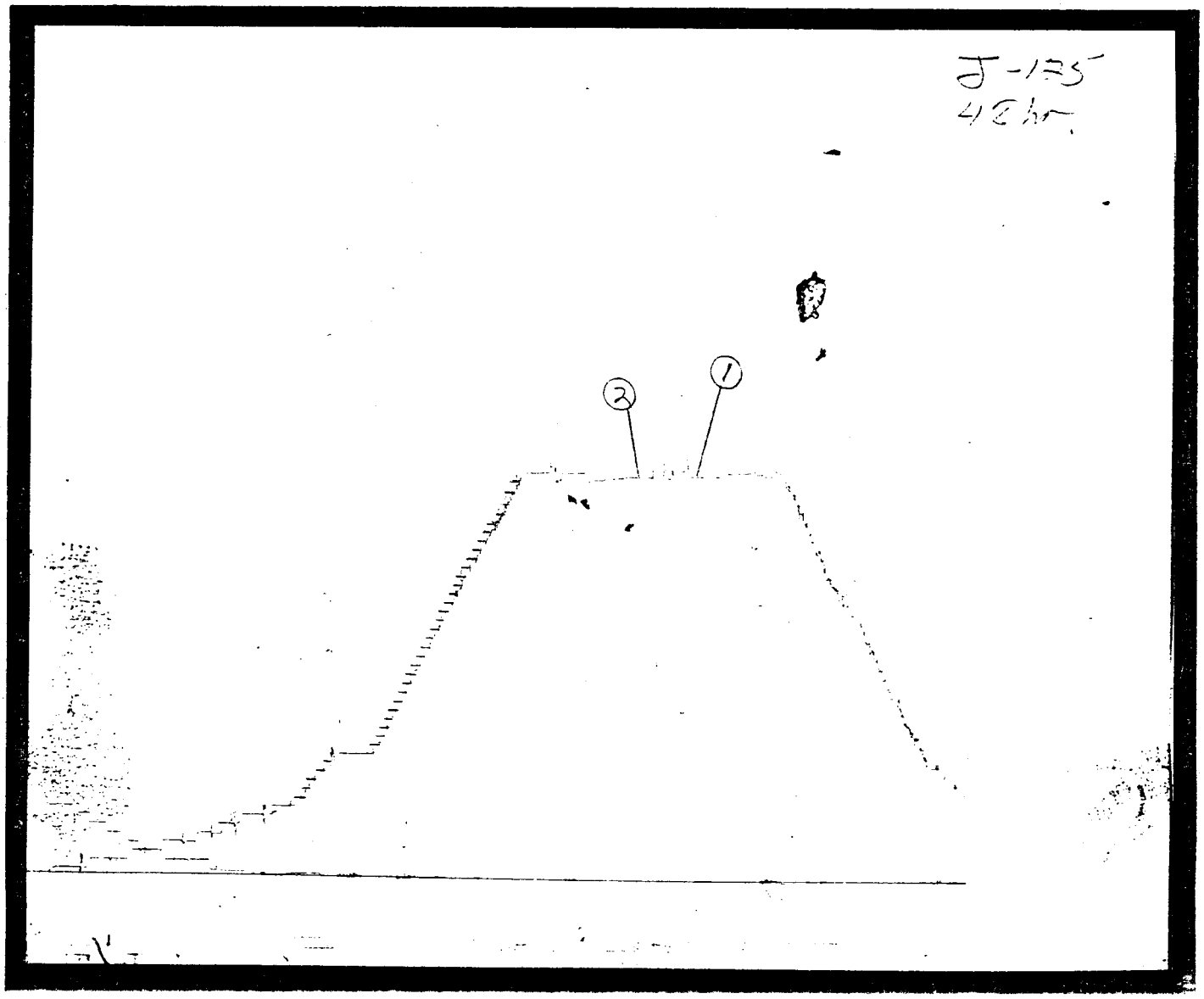
INSTRUMENT NO.: J-125 CAPACITY (P.S.I.): 2800# DEPTH 2794 FT.

PORT OPENING: INSIDE BOTTOM HOLE TEMP.: 124°F. FIELD REPORT NO. 21366 D

DESCRIPTION	LABELED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	1408.1		
INITIAL FLOW (1)				
INITIAL FLOW (2)				
INITIAL SHUT-IN				
SECOND FLOW (1)				
SECOND FLOW (2)				
SECOND SHUT-IN				
FINAL FLOW (1)				
FINAL FLOW (2)				
FINAL SHUT-IN				
FINAL HYDROSTATIC MUD	2	1405.2		

REMARKS: UNSUCCESSFUL TEST.

22+



JOHNSTON Schlumberger

BOTTOM HOLE PRESSURE AND TIME DATA

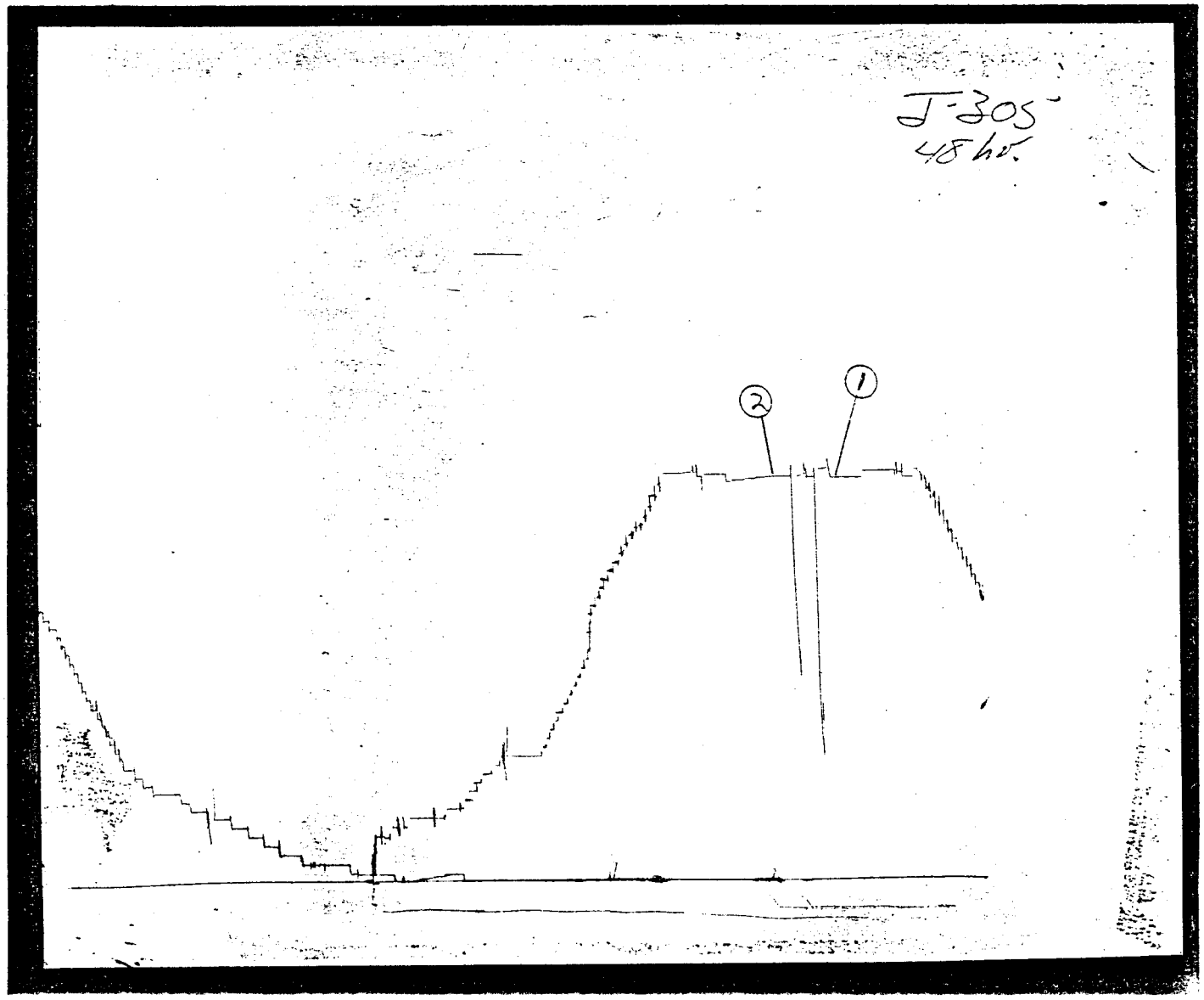
INSTRUMENT NO.: J-305 CAPACITY (P.S.I.): 2800# DEPTH 2800 FT.

PORT OPENING: OUTSIDE BOTTOM HOLE TEMP.: 124°F. FIELD REPORT NO. 21366 D

DESCRIPTION	LABELED POINTS	PRESSURE (P.S.I.)	GIVEN TIME	COMPUTED TIME
INITIAL HYDROSTATIC MUD	1	1423.6		
INITIAL FLOW (1)				
INITIAL FLOW (2)				
INITIAL SHUT-IN				
SECOND FLOW (1)				
SECOND FLOW (2)				
SECOND SHUT-IN				
FINAL FLOW (1)				
FINAL FLOW (2)				
FINAL SHUT-IN				
FINAL HYDROSTATIC MUD	2	1429.4		

REMARKS: UNSUCCESSFUL TEST.

22+



AMERICAN QUASAR PETROLEUM CO.

4-4S PINEVIEW
PINEVIEW FIELD
SUMMIT COUNTY

FORMATION : CRETACEOUS
DRLG. FLUID: WATER BASE MUD
LOCATION : SE SE SEC 4 T2N-R7E
STATE : UTAH

DATE : 10-13-78
FILE NO. : RP-4-4846-G
ANALYSTS : BOWEN
ELEVATION: 6608 GR

CONVENTIONAL CORE ANALYSIS - BOYLE'S LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD) HORZ.	VERTICAL	POR. B.L.	FLUID SATS. OIL	WATER	GR. DNS.	DESCRIPTION	
60	2969-70	0.15		7.2	0.0	56.2	2.68	SD, RD VFG CLY/FLD CALC	VF
61	2970-71	0.09		5.6	0.0	66.2	2.66	SD, RD VFG CLY/FLD CALC	VF
62	2971-72	0.12		6.6	1.9	70.2	2.68	SD, RD VFG CLY/FLD CALC	VF
63	2972-73	0.07		4.3	2.0	70.4	2.66	SD, RD VFG CLY/FLD CALC	VF
64	2973-74	0.06		3.1	0.0	51.4	2.65	SD, RD VFG CLY/FLD CALC	VF
65	2974-75	0.05		3.4	0.0	65.5	2.67	SD, RD VFG CLY/FLD CALC	VF
66	2975-76	0.08		6.4	0.0	63.6	2.66	SD, RD VFG CLY/FLD CALC	VF
67	2976-77	0.18		7.1	0.0	63.1	2.66	SD, RD VFG CLY/FLD CALC	VF
68	2977-78	0.15		7.0	0.0	69.6	2.66	SD, RD VFG CLY/FLD CALC	VF
69	2978-79	0.11		5.8	0.0	58.6	2.65	SD, RD VFG CLY/FLD CALC	VF
70	2979-80	0.19		3.6	0.0	70.2	2.66	SD, RD VFG CLY/FLD CALC	VF
71	2980-81	0.04		1.5	0.0	84.4	2.67	SD, RD VFG CLY/FLD CALC	VF
72	2981-82	0.03		3.3	0.0	70.4	2.66	SD, RD VFG CLY/FLD CALC	VF
73	2982-83	0.04		3.2	0.0	73.5	2.66	SD, RD VFG CLY/FLD CALC	VF
74	2983-84	0.16		5.3	0.0	87.0	2.67	SD, RD VFG CLY/FLD SHY	VF
75	2984-85	0.02		1.4	0.0	55.2	2.64	SD, RD VFG CLY/FLD CALC	VF
76	2985-86	0.04		3.5	0.0	82.6	2.65	SD, RD VFG CLY/FLD CALC	VF
	2986-3025							SHALE-NO ANALYSIS	

VF = VERTICAL FRACTURE

AMERICAN QUASAR PETROLEUM CO.

4-4S PINEVIEW
PINEVIEW FIELD
SUMMIT COUNTY

FORMATION : CRETACEOUS
DRLG. FLUID: WATER BASE MUD
LOCATION : SE SE SEC 4 T2N-R7E
STATE : UTAH

DATE : 10-13-78
FILE NO. : RP-4-4846-G
ANALYSTS : BOWEN
ELEVATION: 6608 GR

CONVENTIONAL CORE ANALYSIS - BOYLE'S LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD) HORZ.	VERTICAL	POR. B.L.	FLUID SATS. OIL	WATER	GR. DNS.	DESCRIPTION	
	2802-2867							DRILLED	
40	2867-68	0.03		1.7	0.0	48.4	2.68	SD, RD VFG V/SHY CALC	VF
41	2868-69	0.88		4.2	0.0	57.8	2.68	SD, RD VFG V/SHY CALC	VF&HF
42	2869-70	0.02		5.0	0.0	69.7	2.69	SD, RD VFG V/SHY SL/CALC	VF
43	2870-71	0.03		4.9	0.0	70.9	2.69	SD, RD VFG V/SHY SL/CALC	VF
44	2871-72	0.02		5.7	0.0	78.6	2.70	SD, RD VFG V/SHY CALC	VF
45	2872-73	0.03		6.6	0.0	78.2	2.72	SD, RD VFG V/SHY CALC	VF
46	2873-74	0.02		3.8	0.0	74.7	2.70	SD, RD VFG V/SHY CALC	VF
	2874-2881							SHALE-NO ANALYSIS	
47	2881-82	0.58		7.6	0.0	84.7	2.71	SD, RD VFG V/SHY CALC	VF&HF
48	2882-83	0.03		6.4	0.0	81.1	2.70	SD, RD VFG V/SHY CALC	VF
49	2883-84	0.05		6.4	0.0	82.8	2.70	SD, RD VFG V/SHY CALC	VF
	2884-2912							SHALE-NO ANALYSIS	
50	2912-13	0.02		5.6	0.0	81.7	2.73	SD, RD VFG V/SHY	VF
51	2913-14	0.35		8.1	0.0	84.5	2.70	SD, RD VFG V/SHY	VF
	2914-2916							SHALE-NO ANALYSIS	
	2916-2961							DRILLED	
52	2961-62	0.19		7.2	1.5	45.6	2.67	SD, RD VFG CALC	
53	2962-63	0.12		7.7	1.9	53.5	2.67	SD, RD VFG CALC	VF
54	2963-64	0.09		6.6	0.0	59.3	2.66	SD, RD VFG CALC	VF
55	2964-65	0.14		8.0	0.0	48.6	2.66	SD, RD VFG CALC	VF
56	2965-66	0.15		9.2	0.0	56.6	2.66	SD, RD FG CLY/FLD CALC	VF
57	2966-67	0.15		8.5	0.0	30.5	2.68	SD, RD FG CLY/FLD CALC	VF
58	2967-68	0.10		7.0	0.0	42.5	2.67	SD, RD VFG CLY/FLD	VF
59	2968-69	0.13		6.7	0.0	41.6	2.66	SD, RD VFG CLY/FLD CALC	VF

VF = VERTICAL FRACTURE

AMERICAN QUASAR PETROLEUM CO.

4-4S PINEVIEW
PINEVIEW FIELD
SUMMIT COUNTY

FORMATION : CRETACEOUS
DRLG. FLUID: WATER BASE MUD
LOCATION : SE SE SEC 4 T2N-R7E
STATE : UTAH

DATE : 10-9-78
FILE NO. : RP-4-4846-G
ANALYSTS : BOWEN
ELEVATION: 6608 GR

CONVENTIONAL CORE ANALYSIS

SAMP. NO.	DEPTH	PERM. TO AIR (MD) HORZ.	VERTICAL	POR. FLD.	FLUID SATS. OIL	WATER	GR. DNS.	DESCRIPTION	
	1654-1671							SHALE-NO ANALYSIS	
	1671-2784							DRILLED	
23	2784-85	0.18		9.1	0.0	74.1		SD, RD VFG TR/CLY	
24	2785-86	0.20		10.5	0.0	59.5		SD, RD VFG TR/CLY	
25	2786-87	0.28		7.5	0.0	61.5		SD, RD VFG TR/CLY	VF
26	2787-88	0.08		6.7	0.0	59.8		SD, RD VFG TR/CLY	VF
27	2788-89	0.05		3.1	0.0	52.6		SD, RD VFG TR/CLY	
28	2789-90	0.07		4.9	0.0	66.7		SD, RD VFG	
29	2790-91	0.05		3.7	0.0	77.9		SD, RD VFG	
30	2791-92	0.04		5.7	0.0	43.7		SD, RD VFG TR/CLY	
	2792-2793							SHALE-NO ANALYSIS	
31	2793-94	0.05		5.3	0.0	70.3		SD, RD VFG CLY/FLD	VF
32	2794-95	0.04		4.5	0.0	50.1		SD, RD VFG	VF
33	2795-96	0.05		1.6	0.0	51.8		SD, RD VFG	VF
34	2796-97	0.04		5.0	0.0	86.1		SD, RD VFG	
35	2797-98	0.03		4.7	0.0	73.9		SD, RD VFG	VF
36	2798-99	0.03		5.4	0.0	78.0		SD, RD VFG	VF
37	2799 -0	0.05		9.5	0.0	47.6		SD, RD VFG	VF
38	2800 -1	0.09		5.8	0.0	74.5		SD, RD VFG CLY/FLD	VF
39	2801 -2	0.04		3.7	0.0	55.0		SD, RD VFG CLY/FLD	VF

VF = VERTICAL FRACTURE

AMERICAN QUASAR PETROLEUM CO.

4-4S PINEVIEW
PINEVIEW FIELD
SUMMIT COUNTY

FORMATION : CRETACEOUS
DRLG. FLUID: WATER BASE MUD
LOCATION : SE SE SEC 4 T2N-R7E
STATE : UTAH

DATE : 10-3-78
FILE NO. : RP-4-4846-G
ANALYSTS : BOWEN
ELEVATION: 6608 GR

CONVENTIONAL CORE ANALYSIS

SAMP. NO.	DEPTH	PERM. TO AIR (MD) HORZ.	VERTICAL	POR. FLD.	FLUID SATS. OIL	WATER	GR. DNS.	DESCRIPTION
	1621-1630							SHALE-NO ANALYSIS
1	1630-31	0.08		3.5	0.0	81.2		SD, GY VFG SL/CALC
2	1631-32	0.05		4.5	0.0	86.4		SD, GY VFG CALC
3	1632-33	0.08		7.5	0.0	86.1		SD, GY VFG CALC
4	1633-34	0.08		7.2	0.0	83.1		SD, GY VFG CALC TR/SH
5	1634-35	0.08		2.1	0.0	71.3		SD, GY VFG CALC TR/SH
6	1635-36	0.46		11.7	1.7	81.3		SD, GY VFG CALC
7	1636-37	0.50		3.7	0.0	54.3		SD, GY VFG CALC CLY/FLD
8	1637-38	5.6		14.5	1.3	79.1		SD, GY VFG CALC CLY/FLD
	1638-1639							ALTERED CORE
9	1639-40	0.63		13.0	0.7	51.8		SD, GY FG CLY/FLD CALC
	1640-1641							LOST RECOVERY
10	1641-42	4.2		15.1	1.3	80.7		SD, GY FG CLY/FLD CALC
11	1642-43	0.82		15.1	1.3	73.1		SD, GY FG CLY/FLD CALC
12	1643-44	18		13.8	0.0	79.6		SD, GY FG CLY/FLD CALC
13	1644-45	19		17.0	1.1	69.3		SD, GY FG CLY/FLD CALC
14	1645-46	5.9		13.5	1.4	78.5		SD, GY FG CLY/FLD CALC
15	1646-47	3.5		11.2	0.9	70.9		SD, GY FG CLY/FLD
16	1647-48	1.4		15.4	1.3	80.2		SD, GY FG CLY/FLD
17	1648-49	8.0		19.2	1.0	82.1		SD, GY VFG CLY/FLD
18	1649-50	15		19.2	1.0	71.9		SD, GY VFG CLY/FLD
19	1650-51	9.0		19.8	0.5	70.9		SD, GY VFG CLY/FLD
20	1651-52	0.24		14.7	1.3	88.1		SD, GY VFG CLY/FLD
21	1652-53	0.58		11.4	1.7	79.7		SD, GY VFG CLY/FLD
22	1653-54	0.20		16.4	1.2	83.6		SD, GY VFG CLY/FLD

VF = VERTICAL FRACTURE

Form DOGC-4

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328-5771

State Lease No.
Federal Lease No.
Indian Lease No.
Fee & Pat. FEE

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Summit FIELD/LEASE Pineview

The following is a correct report of operations and production (including drilling and producing wells) for the month of: October, 19 78.

Agent's Address 707 United Bank Tower
1700 Broadway
Denver, CO 80290
Phone No. 303/861-8437

Company American Quasar Petroleum Co.
Signed Robert L. Siedelfld
Title Dist. Oper. Mgr.

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 SE SE PINEVIEW	2N	7E	4-4S							See Attached

Gas Sold
Flared/Vented
Used on/off Lease

NOTE: There were ____ runs or sales of oil; ____ M. cu. ft. of gas sold; ____ runs or sales of gasoline during the month.

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED IN DUPLICATE.*

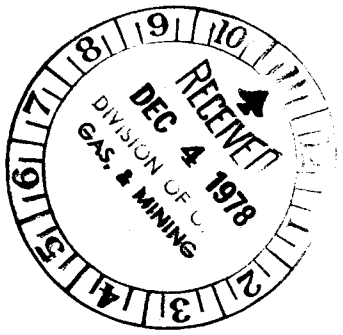
CORE ANALYSIS RESULTS FOR

AMERICAN QUASAR PETROLEUM COMPANY

NO. 4-4S PINEVIEW

PINEVIEW FIELD

SUMMIT COUNTY, UTAH



Phone
522-1206 Area 303

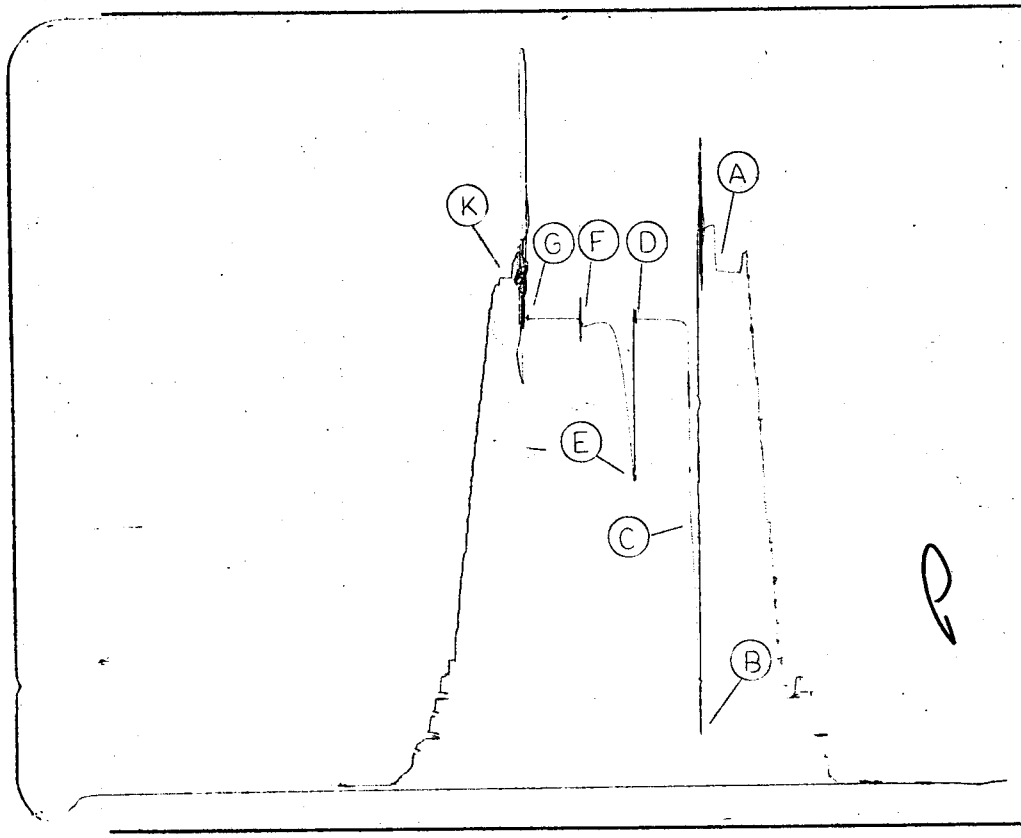
LYNES, INC

Box 3600
Sterling, Colo. 80751

Operator American Quasar Petroleum Co.
Address See Distribution
Well Name and No. Pineview #4-45
Ticket No. 10267
Date 10-18-78
No. Final Copies 22
DST No. 4

Contractor	Brinkerhoff Drlg. Co.	Top Choke	1/4"
Rig No.	67	Bottom Choke	1"
Spot	SE-SE	Size Hole	8 3/4"
Sec.	4	Size Rat Hole	--
Twp.	2 N	Size & Wt. D. P.	4" 14.40
Rng.	7 E	Size Wt. Pipe	--
Field	Pineview	I. D. of D. C.	2 1/4"
County	Summit	Length of D. C.	367'
State	Utah	Total Depth	3156'
Elevation	6620' "K.B."	Interval Tested	1599-1701'
Formation	--	Type of Test	Inflate Straddle

Flow No. 1	10 Min.
Shut-in No. 1	60 Min.
Flow No. 2	60 Min.
Shut-in No. 2	60 Min.
Flow No. 3	-- Min.
Shut-in No. 3	-- Min.
Bottom Hole Temp.	78°F
Mud Weight	10.0
Gravity	--
Viscosity	56
Tool opened @	4:35 PM.



Inside Recorder

PRD Make Kuster AK-1
No. 5978 Cap. 1200 @ 1570'

Press		Corrected
Initial Hydrostatic	A	823
Final Hydrostatic	K	810
Initial Flow	B	78
Final Initial Flow	C	459
Initial Shut-in	D	746
Second Initial Flow	E	485
Second Final Flow	F	742
Second Shut-in	G	746
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist.: Rock Springs, WY
Our Tester: George Baucom
Witnessed By: Peyton Dunham

Did Well Flow – Gas No Oil No Water Yes

RECOVERY IN PIPE: Well flowed muddy water
Top Sample - R.W. 5.0 @ 65°F = 1150 ppm. chl.
Middle Sample - R.W. 5.0 @ 70°F = 1100 ppm. chl.
Bottom Sample - R.W. 6.0 @ 70°F = 900 ppm. chl.

REMARKS:

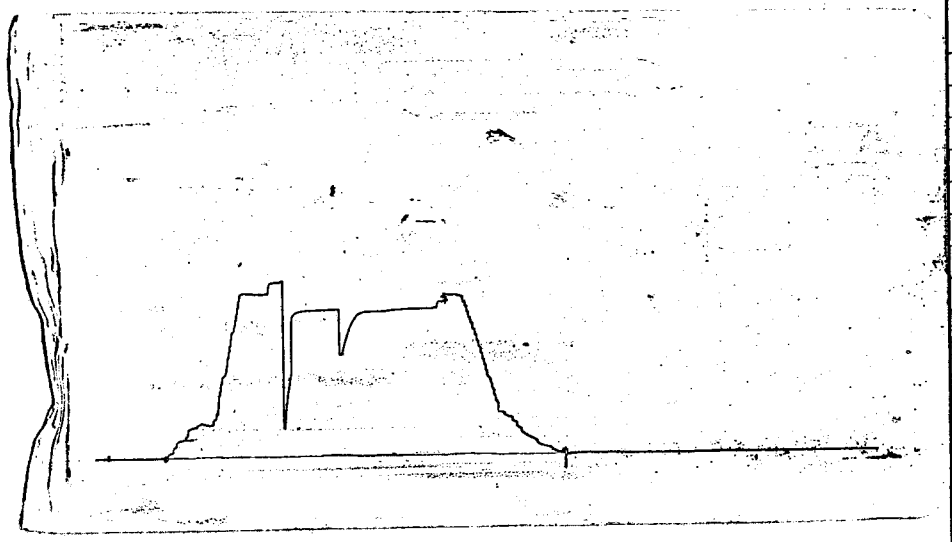
1st Flow - Tool opened with a 1" underwater blow, increased to bottom of bucket in 1 minute. Blow increased to a 1.0 psig. blow in 2 minutes and remained thru flow period.

2nd Flow - Tool opened with a 6" underwater blow, increased to bottom of bucket in 45 seconds. Blow decreased slightly in 5 minutes. Fluid to surface in 27 minutes.

Form 1

LYNES, INC.

Operator American Quasar Petroleum Co. Lease & No. Pineview #4-45 DST No. 4

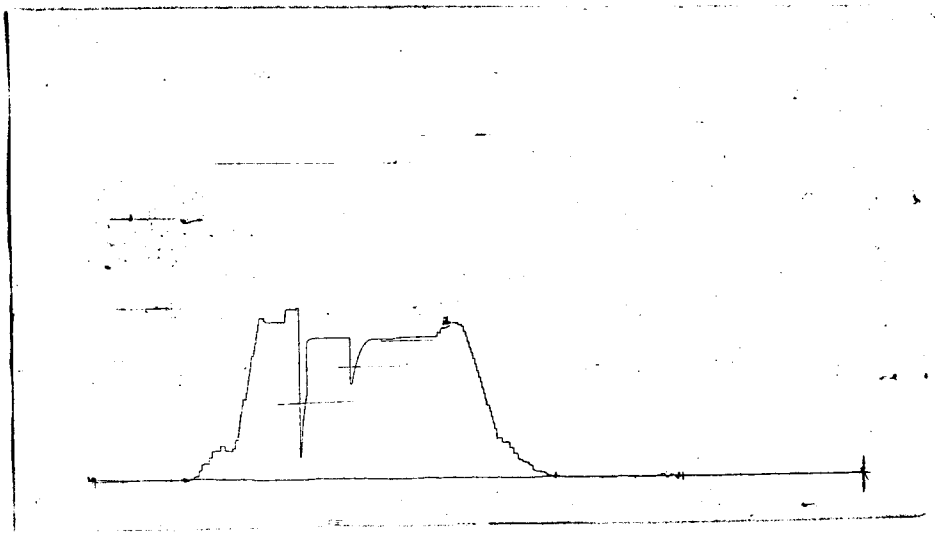


Outside Recorder

PRD Make Kuster K-3

No. 15620 Cap. 2400 @ 1610'

Press		Corrected
Initial Hydrostatic	A	829
Final Hydrostatic	K	814
Initial Flow	B	150
Final Initial Flow	C	459
Initial Shut-in	D	761
Second Initial Flow	E	529
Second Final Flow	F	749
Second Shut-in	G	761
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		



Outside Recorder

PRD Make Kuster K-3

No. 13723 Cap. 2500 @ 1610'

Press		Corrected
Initial Hydrostatic	A	847
Final Hydrostatic	K	835
Initial Flow	B	118
Final Initial Flow	C	462
Initial Shut-in	D	760
Second Initial Flow	E	513
Second Final Flow	F	750
Second Shut-in	G	760
Third Initial Flow	H	---
Third Final Flow	I	---
Third Shut-in	J	---
Pressure Below Bottom Packer Bled To		

Form 3

LYNES INC.

REPORT #1244

WELL NAME - PINEVIEW 4-45

WELL OPERATOR - AMERICAN QUASAR PETROLEUM CO.

DST NUMBER - 4

RECORDER NUMBER - 5978

FIRST SHUT IN PRESSURE

TIME(MIN) PHI	(T+PHI) /PHI	PSIG
.0	.0000	459
6.0	2.6667	740
12.0	1.8333	743
18.0	1.5556	744
24.0	1.4167	745
30.0	1.3333	745
36.0	1.2778	746
42.0	1.2381	746
48.0	1.2083	746
54.0	1.1852	746
60.0	1.1667	746

EXTRAPOLATION OF FIRST SHUT IN = 746.05

LYNES INC.

REPORT #1244

WELL NAME - PINEVIEW 4-45

WELL OPERATOR - AMERICAN QUASAR PETROLEUM CO.

DST NUMBER - 4

RECORDER NUMBER - 5978

SECOND SHUT IN PRESSURE

TIME(MIN) PHI	(T+PHI) /PHI	PSIG
.0	.0000	742
6.0	12.6667	745
12.0	6.8333	746
18.0	4.8889	746
24.0	3.9167	746
30.0	3.3333	746
36.0	2.9444	746
42.0	2.6667	746
48.0	2.4583	746
54.0	2.2963	746
60.0	2.1667	746

FITTED LINE: LOG((T0+PHI)/PHI) = -5.73981 PSIG + 4282.29102

EXTRAPOLATION OF SECOND SHUT IN = 746.07 M = .17

LYNES, INC.

Fluid Sample Report

Company: American Quasar Petroleum Co. Date: 10-18-78

Well Name & No.: Pineview #4-45 Ticket No.: 10267

County: Summit State: Utah

Test Interval: 1599-1701' DST No.: 4

Total Volume of Sampler: 2000 cc.

Total Volume of Sample: 2000 cc.

Pressure in Sampler: 0 psig

Oil: None cc.

Water: 2000 cc.

Mud: None cc.

Gas: None cu. ft.

Other: None

R.W. 6.0 @ 50°F = 1100 ppm. chl.

Resistivity

Make Up Water 11.0 @ 85°F of Chloride Content 400 ppm.

Mud Pit Sample 4.5 @ 70°F of Chloride Content 1200 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On location.

Remarks:

FORM 5

LYNES, INC.

Distribution of Final Reports

Operator American Quasar Petroleum Co. Well Name and No. Pineview #4-45

Original: American Quasar Petroleum Co., 204 Superior Bdlg., 201 N. Wolcott, Casper, Wyoming 82601 Attn: John Sindelar

1 copy: American Quasar Petroleum Co., 707 United Bank Tower, 1700 Broadway, Denver, Colorado 80290 Attn: Clare Gregg

3 copies: American Quasar Petroleum Co., 2500 Ft. Worth National Bank Bldg., Ft. Worth, Texas 76102 Attn: Bill Bogert

1 copy: American Quasar Petroleum Co., 1000 Midland National Bank Bldg., Midland, Texas 79701 Attn: Herb Ware

2 copies: Sun Oil Co., Box 2880, Dallas, Texas 75221

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3 copies: Amoco Production Co., Box 1400, Riverton, Wyoming 82501 Attn: J.R. Jones

1 copy: V.B. Gras, 777 Ninth Ave., Salt Lake City, Utah 84103

3 copies: Energetics, Inc., 333 W. Hampden Ave., Suite 1010, Englewood, Colorado 80110

2 copies: Utah Oil & Gas Comm., 1588 W. North Temple, Salt Lake City, Utah 84116

1 copy: North Central Oil Corp., Box 27491, Houston, Texas 77027 Attn: Charles Tyler

Form 6

Phone
522-1206 Area 303

LYNES, INC.

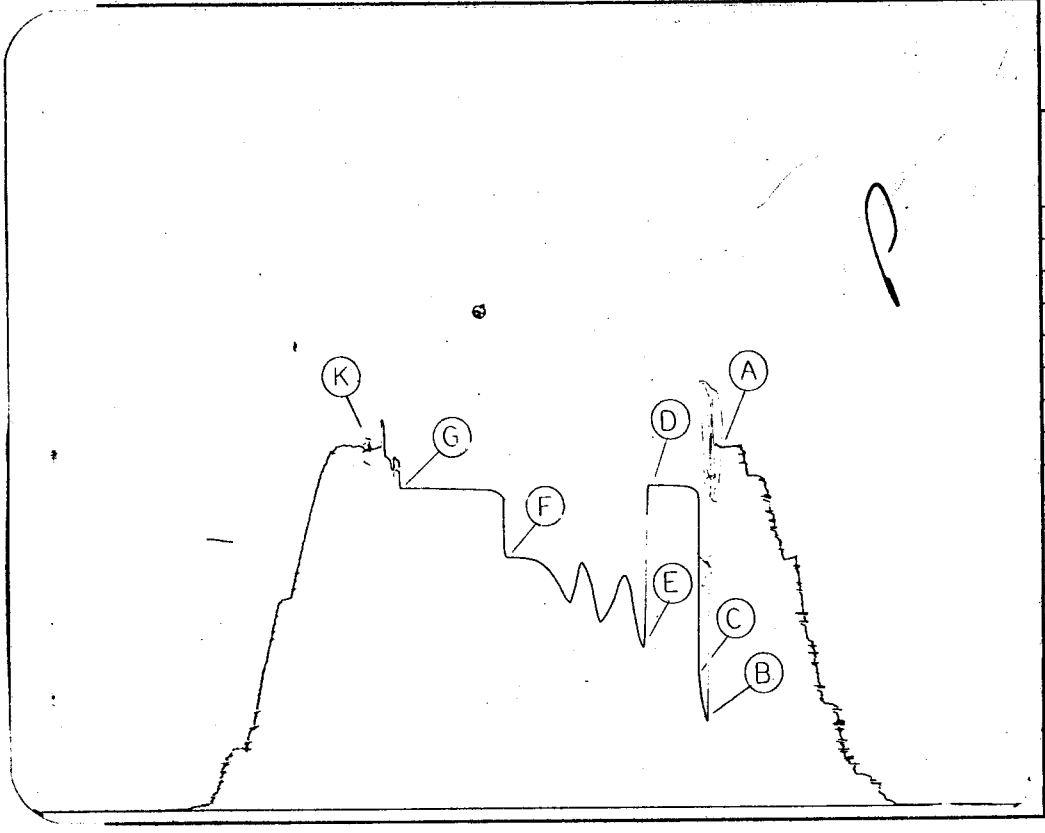
Box 3600
Sterling, Colo. 80751

Operator American Quasar Petroleum Co.
Address See Distribution
Well Name and No. Pineview #4-45
Ticket No. 15736
Date 10-13-78
DST No. 3
No. Final Copies 22

Contractor	Brinkerhoff Drlg. Co.	Top Choke	1/4" & 3/8"
Rig No.	67	Bottom Choke	9/16"
Spot	SE-SE	Size Hole	8 3/4"
Sec.	4	Size Rat Hole	--
Twp.	2 N	Size & Wt. D. P.	4" 14.00
Rng.	7 E	Size Wt. Pipe	--
Field	Pineview	I. D. of D. C.	2 1/4"
County	Summit	Length of D. C.	465'
State	Utah	Total Depth	2918'
Elevation	6620' "K.B."	Interval Tested	2823-2918'
Formation	Wanship	Type of Test	Bottom Hole Conventional

Flow No. 1	10 Min.
Shut-in No. 1	60 Min.
Flow No. 2	150 Min.
Shut-in No. 2	120 Min.
Flow No. 3	-- Min.
Shut-in No. 3	-- Min.
Bottom Hole Temp.	97°F
Mud Weight	10.0
Gravity	46.2 @ 60°F
Viscosity	57

Tool opened @ 5:20 AM.



Inside Recorder

PRD Make Kuster AK-1
No. 1389 Cap. 3100 @ 2833'

		Press	Corrected
Initial Hydrostatic	A		1465
Final Hydrostatic	K		1464
Initial Flow	B		349
Final Initial Flow	C		533
Initial Shut-in	D		1314
Second Initial Flow	E		651
Second Final Flow	F		1019
Second Shut-in	G		1307
Third Initial Flow	H		--
Third Final Flow	I		--
Third Shut-in	J		--

Lynes Dist.: Casper, Wy.
Our Tester: Rick Hanson
Witnessed By: Payton Dunham

Did Well Flow – Gas Yes Oil Yes Water No

RECOVERY IN PIPE: Well flowed (Test was reverse circulated.)

1st Flow - Tool opened with a good blow, gas to surface in 7 minutes, gauged at 80.0 psig on a 1/4" orifice = 131 MCF/Day.

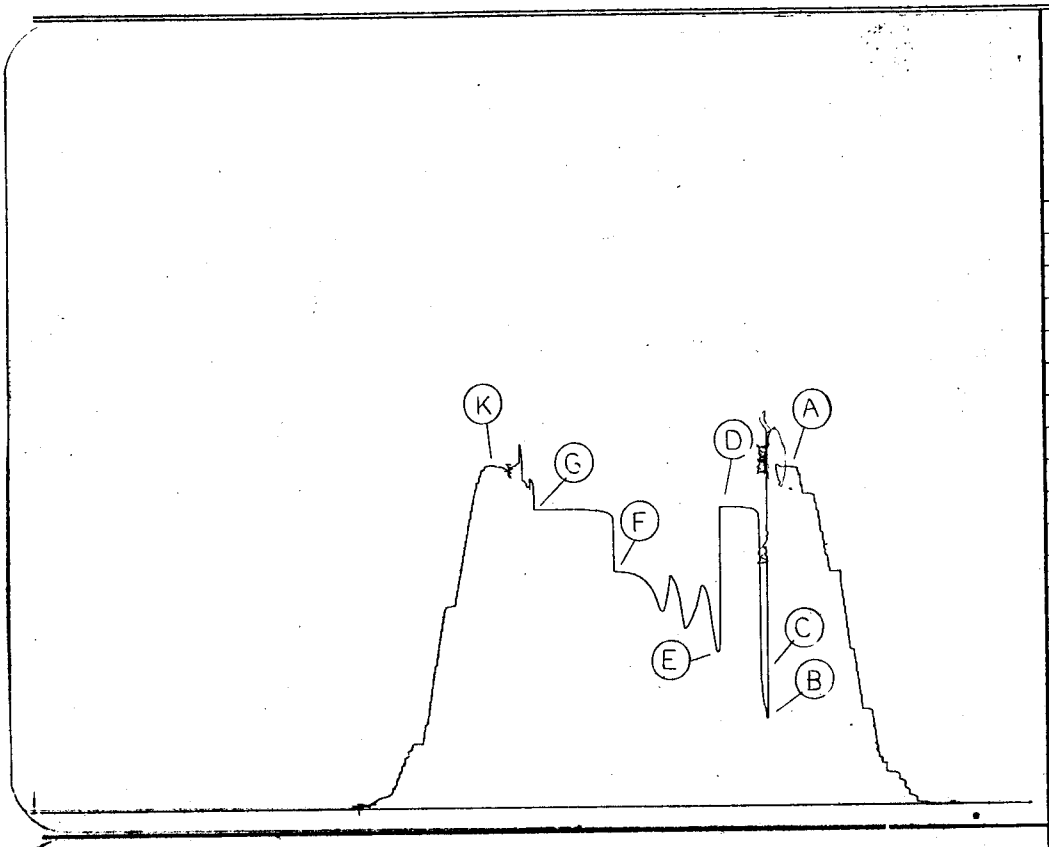
2nd Flow - Tool opened with a good blow. Mud to surface in 10 minutes. Oil to surface in 5 minutes. 534 MCF and 21.5 bbl. in 30 minutes through seperator.

REMARKS:

Form 1

LYNES, INC.

Operator American Quasar Petroleum Co. Lease & No. Pineview #4-45 DST No. 3

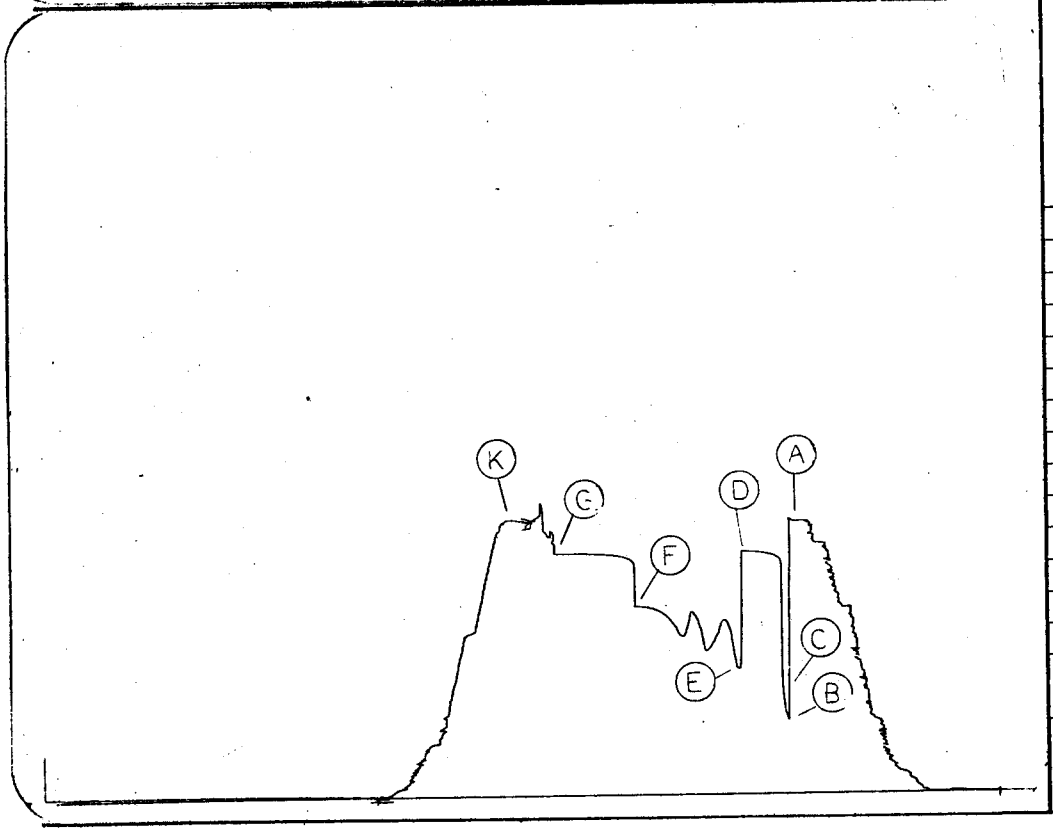


Inside Recorder

PRD Make Kuster AK-1

No. 1050 Cap. 3400 @ 2838

Press		Corrected
Initial Hydrostatic	A	1501
Final Hydrostatic	K	1497
Initial Flow	B	386
Final Initial Flow	C	558
Initial Shut-in	D	1323
Second Initial Flow	E	675
Second Final Flow	F	1034
Second Shut-in	G	1317
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		



Outside Recorder

PRD Make Kuster AK-1

No. 1535 Cap. 4200 @ 2853'

Press		Corrected
Initial Hydrostatic	A	1505
Final Hydrostatic	K	1501
Initial Flow	B	444
Final Initial Flow	C	577
Initial Shut-in	D	1343
Second Initial Flow	E	719
Second Final Flow	F	1053
Second Shut-in	G	1338
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--
Pressure Below Bottom Packer Bled To		

Form 3

LYNES, INC.

Fluid Sample Report

Company: American Quasar Petroleum Co. Date: 10-13-78

Well Name & No.: Pineview #4-45 Ticket No.: 15736

County: Summit State: Utah

Test Interval: 2823-2918' DST No.: 3

Total Volume of Sampler: 2150 cc.

Total Volume of Sample: 1700 cc.

Pressure in Sampler: 850 psig

Oil: 1400 cc.

Water: None cc.

Mud: 300 cc.

Gas: 7.5 cu. ft.

Other: None

Resistivity

Make Up Water _____ @ _____ of Chloride Content _____ ppm.

Mud Pit Sample 5.2 @ 60°F of Chloride Content 1200 ppm.

Gas/Oil Ratio 900-1 Gravity 46.2 °API @ 60 °F

Where was sample drained On location.

Remarks:

FORM 5

LYNES, INC.

Operator American Quasar Petroleum Company Lease & No. Pineview #4-4S DST No. 3

Comments relative to the analysis of the pressure chart from DST #3, Interval: 2823-2918', which was run in the captioned well located in the SE SE Section 4, T2N-R7E, Summit County, Utah:

The numerical results obtained in this analysis are based on the liquid recovery only, the Horner method of pressure build-up curve extrapolation and the Horner equations applicable to liquid recovery tests.

For purposes of this analysis, the following reservoir and fluid properties and test parameters have been used:

BHT = 97°F., μ = 2.0 cps., h = 10 feet (estimated), t = 160 minutes, m = 21 psi/log cycle.

1. Extrapolation of the Initial Shut-in pressure build-up curve indicates a maximum reservoir pressure of 1318 psi at the recorder depth of 2833 feet. Extrapolation of the Final Shut-in pressure build-up curve indicates a maximum reservoir pressure of 1315 psi. The difference between the extrapolated Initial and Final Shut-in pressures (3 psi) is considered insignificant.

   The indicated maximum reservoir pressure at the recorder depth is equivalent to a subsurface pressure gradient of 0.465 psi/ft. This pressure gradient is reasonably consistent with a "normal" hydrostatic pressure gradient which ranges from about 0.43 to 0.47 psi/ft., depending upon formation water salinity. It therefore is indicated that the tested reservoir has an essentially "normal" reservoir pressure environment.

2. The calculated Average Production Rate which was used in this analysis, 1972 BPD, is based upon a full fill-up of oil in an effective flowing time of 20 minutes (the time at which fluid reached the surface). The reliability of this calculated production rate is subject to question because of the magnitude of gas that accompanied the liquid recovery during the Final Flow period.

3. The calculated Damage Ratio of 2.5 indicates that significant well-bore damage was present at the time of this formation test. The Damage Ratio implies that the production rate should have been 2.5 times greater than that which occurred (or 4930 BPD) if well-bore damage

Form 2

3. (continued)
had not been present. It should be noted, in view of the magnitude of the volume rate of production that occurred during this test and the character of the pressure record which was obtained, that the indicated well-bore damage may be due to the choke effect of restrictions within the test tool rather than being due to formation damage.

4. The calculated Effective Transmissibility of 15051 md.-ft./cp. indicates an Average Permeability to the produced fluid of 3010.2 md. for the estimated 10 feet of effective porosity within the total 95 feet of interval tested.

5. The evaluation criteria used in the Drill-Stem-Test Analysis System indicate that the results obtained in this analysis should be reliable within reasonable limits relative to the assumptions which have been made. It should be noted again, however, because of the questionable reliability of the Average Production Rate that was used in the analysis, that the numerical values calculated for the various reservoir properties shown above and on the summary page are probably somewhat falsely high compared to the actual reservoir properties.

Roger L. Hoeger
Consultant to Lynes, Inc.

LYNES INC.

REPORT #1214

WELL NAME - PINEVIEW 4-45

WELL OPERATOR - AMERICAN QUASAR PETROLEUM CO.

DST NUMBER - 3

RECORDER NUMBER - 1389

FIRST SHUT IN PRESSURE

TIME(MIN) PHI	(T+PHI) /PHI	PSIG
.0	.0000	533
6.0	2.6667	1299
12.0	1.8333	1306
18.0	1.5556	1309
24.0	1.4167	1310
30.0	1.3333	1311
36.0	1.2778	1312
42.0	1.2381	1312
48.0	1.2083	1313
54.0	1.1852	1313
60.0	1.1667	1314

EXTRAPOLATION OF FIRST SHUT IN = 1318.14

LYNES INC.

REPORT #1214

WELL NAME - PINEVIEW 4-45

WELL OPERATOR - AMERICAN QUASAR PETROLEUM CO.

DST NUMBER - 3

RECORDER NUMBER - 1389

SECOND SHUT IN PRESSURE

TIME(MIN) PHI	(T+PHI) /PHI	PSIG
.0	.0000	1019
12.0	14.3333	1291
24.0	7.6667	1299
36.0	5.4444	1301
48.0	4.3333	1302
60.0	3.6667	1303
72.0	3.2222	1304
84.0	2.9048	1305
96.0	2.6667	1306
108.0	2.4815	1306
120.0	2.3333	1307

FITTED LINE: LOG((TO+PHI)/PHI) = -.04694 PSIG + 61.71768

EXTRAPOLATION OF SECOND SHUT IN = 1314.84 M = 21.30

RESERVOIR PARAMETERS:

COLLAR RECOV	465.000	PIPE RECOVRY	2325.000	INIT FLO TIM	10.000
FINL FLO TIM	150.000	MUD EXPANSN	1.000	BOTTM HOL TM	97.000
API GRAVITY	46.200	SPEC GRAVITY	.796	VISCOSITY	2.000
PAY THICKNES	10.000	SUBSEA DEPTH	3787.000	WATER GRADNT	.433

LYNES INC.

REPORT #1214

WELL NAME - PINEVIEW 4-45

WELL OPERATOR - AMERICAN QUASAR PETROLEUM CO.

DST NUMBER - 3

RECORDER NUMBER - 1389

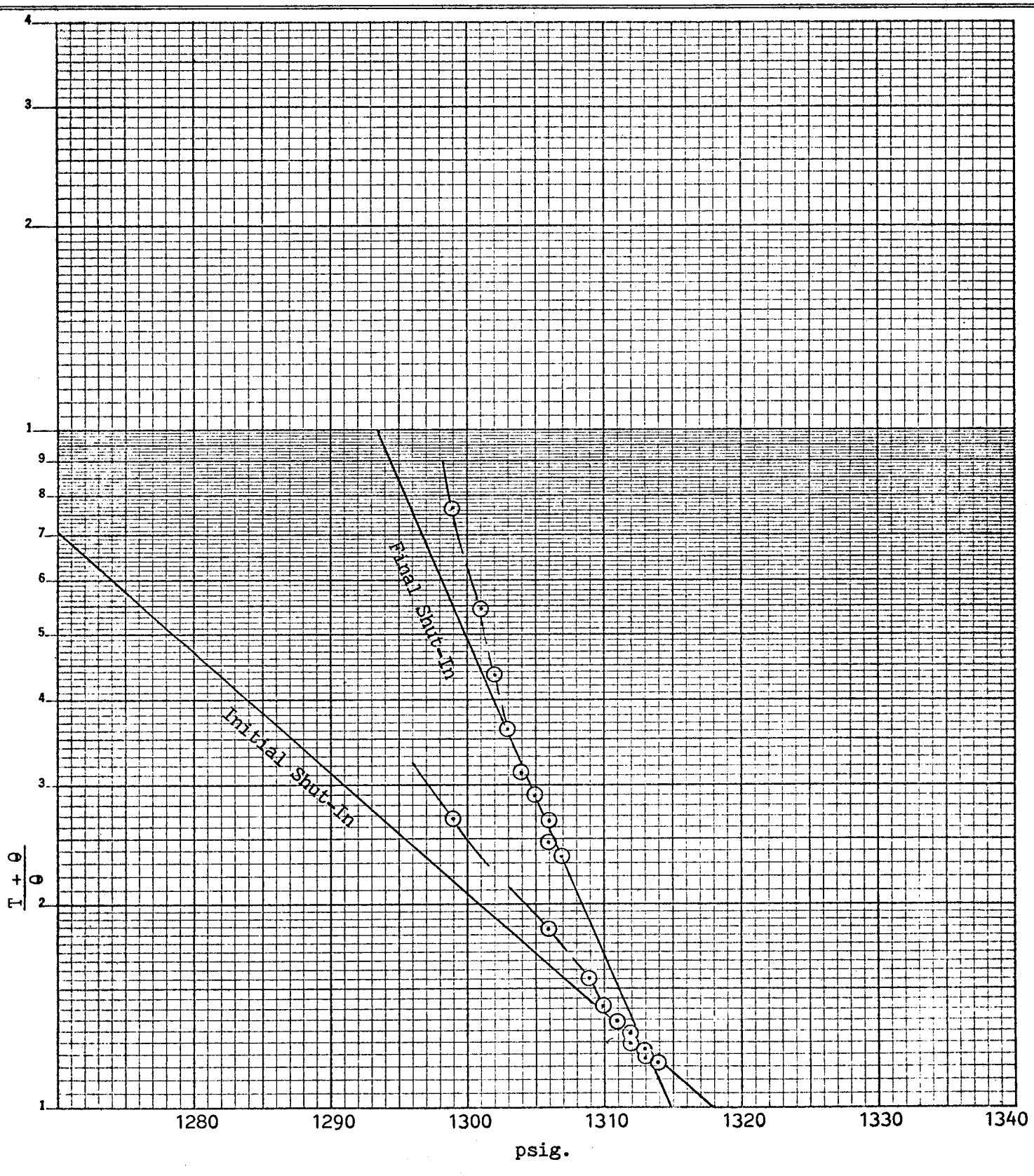
CALCULATIONS: SECOND SHUT IN

EXTRAPOLATED RESERVOIR PRESS.(PSIG)	1314.8
NO. OF POINTS ENTERED	11.0
NO. OF POINTS USED IN EXTRAPOLATION	6.0
ROOT MEAN SQUARE DEVIATION OF BEST FIT LINE(PSI)	.011
TOTAL FLOW TIME(MIN)	160.0
AVERAGE PRODUCTION RATE DURING TEST(BBLS/DAY)	1972.0
TRANSMISSIBILITY(MD-FT/CP)	15051.0
IN SITU CAPACITY(MD-FT)	30101.9
AVERAGE EFFECTIVE PERMEABILITY(MD)	3010.19
PRODUCTIVITY INDEX(BBLS/DAY-PSI)	6.666
DAMAGE RATIO	2.5
PRODUCTIVITY INDEX WITH DAMAGE REMOVED(BBLS/DAY-PSI)	16.939
RADIUS OF INVESTIGATION(FT)	694.0
DRAWDOWN FACTOR(%)	.3
POTENTIOMETRIC SURFACE(FT)	6823.6

LYNES, INC.

Pressure Extrapolation Plot

Operator American Quasar Petroleum Co. Lease & No. Pineview #4-45 DST No. 3



LYNES, INC.

Distribution of Final Reports

Operator American Quasar Petroleum Co. Well Name and No. Pineview #4-45

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2 copies: Utah Oil & Gas Comm., 1588 W. North Temple, Salt Lake City, Utah 84116

1 copy: North Central Oil Corp., Box 27491, Houston, Texas 77027 Attn: Charles Tyler

Form 6

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

October 3, 1978

American Quasar Petroleum Company
204 Superior Building
Casper, Wyoming 82601

Re: Well No's:
~~P~~ineview 4-4S
Sec. 4, T. 2 N, R. 7 E,
Pineview 3-7S
Sec. 3, T. 2 N, R. 7 E,
Pineview 3-9S
Sec. 3, T. 2 N, R. 7 E,
Summit County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells may be granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are: 4-4S: 43-043-30083; 3-7S: 43-043-30086; and 3-9S: 43-043-30087.

Very truly yours,

CLEON B. FEIGHT
Director

Form OGC-3

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

16

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED DEC 1 1978 DIVISION OF OIL, GAS, & MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: American Quasar Petroleum Co. of New Mexico

3. ADDRESS OF OPERATOR: 707 United Bank Tower, 1700 Broadway, Denver, CO 80290

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 909.1' FSL & 823.8' FEL (SE SE)
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: FEE
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Pineview
9. WELL NO.: 4-4S
10. FIELD AND POOL, OR WILDCAT: Pineview
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 4-2N-7E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-043-30083	10-3-78	Summit	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9-20-78	10-20-78	11-13-78	6610'	---

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3156'	----	---	→	0-TD	---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 2862-2882, 2784-2832' (Frontier)

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: TDT, CCL, DIL, FDC-CNL, BHC-GR

27. WAS WELL CORED: Yes

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	40#	419'	12¼"	280 sx	None
7"	23#	3156'	8 3/4"	200 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	2700'	2700'

31. PERFORATION RECORD (*Interval, size and number*)
2930-2942'
2947-2980' w/4 spf
2862-2882'
2784-2832' w/4 spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2930-2942' } 2947-2980' }	w/150 sx low wtr loss cmt

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
11-10-78	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-22-78	24	15/64"	→	360	405	0	1125:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
370	----	→	360	405	0	44.4

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Sale-Mountain Fuel

TEST WITNESSED BY: Delmar Chapman

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED R F Reiner TITLE Division Production Superintendent DATE 11-29-78

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
		SEE ATTACHMENT		Frontier Kelvin TD	surface 2993' 3156'	

PINEVIEW #4-4S
(4000' Kelvin-develop)
Summit Co.,Utah
Pineview Prosp.

10/18/78 29 days - TD 3156'. Drld. 24' of Kelvin in 2½ hrs. WO logging tools. MW 10.1; vis 56; WL 8.4; pH 9.5. Survey: 2-3/4° @ 3156'. Pulled bit #RR5 @ 3156'. Bit drld. 131' in 12½ hrs. Dull grade 2-6-I. Ran CNFD Log 424-3124'. Ran DIL twice--both tools failed. Now WO logging tools.

PINEVIEW #4-4S
(4000' Kelvin-devel)
Summit Co.,Utah
Pineview Prosp.

10/19/78 30 days - TD 3156'. LD DP prep to run 7" csg. MW 10.0; vis 56; WL 8.2; pH 9.5. Finished running wireline logs w/Schl. Ran DST #4 (straddle test) - 1599-1701'. TO 10 min--w/fair blow, increasing to good in 2 min; SI 60 min; TO 60 min--w/fair blow, increasing to good blow in 45 sec's; flowed wtr @ surf. 27 min. into 2nd open ARO 4-3/4 bbl/hr; SI 60 min. Pulled DST #4 to rec. 1730' fluid consisting of 150' drlg. mud + 1580' muddy wtr. Bomb depth 1610'. IHP 845; IFP 153/431; ISIP 755; FFP 512/744; FSIP 755; FHP 835; BHT 78° F. Smplr cap: 2000 cc's; rec. @ 0 psi, 2000 cc's wtr. Rstv: 5 @ 60°. TIH. Cond. hole. Now LD DP prep to run csg.

PINEVIEW #4-4S
(4000' Kelvin-develop)
Summit Co.,Utah
Pineview Prosp.

10/20/78 31 days - TD 3156'. RDRT. Finished LD DP. Ran 83 jts 7" 23# N-80 & K-55 LT&C used csg., total of 3179.52', landed @ 3156' KB. Cemented w/200 sx Class "G", 10% salt & .6 of 1% HLX-249. Displaced w/mud. Bumped plug @ 3:30 PM on 10/19/78--float held. Float collar is @ 3113' KB. Hung 58,000# on csg. slips. Now RDRT.

PINEVIEW #4-4S
(4000' Kelvin-dev)
Summit Co., Utah
Pineview Prosp

10/21-22-23/78 Attempting to RD Brinkerhoff rig #67. Hydraulic unit failed. Could not lower derrick.

PINEVIEW #4-4S
(4000' Kelvin-dev)
Summit Co., Utah
Pineview Prosp

10/24/78 Fin RDRT. DROP FROM DRILLING REPORT.

PINEVIEW #4-4S COMPLETION REPORT

ATTACHMENT

37. DST #1 2775-2815' Misrun

DST #2 2785-2815' w/no WC; TO 10" w/good blow, SI 65", TO 30" w/good blow, GTS in 6" @ 59 MCFD, OTS in 6", SI 60", well flowed 9½ BO, rvsd out 18½ bbls, no apparent wtr; IHP-1461, IFP-258/1029, ISIP-1340, FFP-949/1306, FSIP-1404, FHP-1444

DST #3 2823-2918' TO 10" w/good blow, GTS in 7", SI 60", TO 150" w/good blow, mud to surface in 10", OTS in 15", 30" test thru separator made 21½ BO, gas flowed @ 534 MCFD on 24/64" ck @ 320 psi, SI 120", rvsd out 10 BO; IHP-1484, IFP-356/537, ISIP-1317, FFP-648/1021, FSIP-1317, FHP-1480

DST #4 1599-1701' TO 10" w/strong blow, SI 60", TO 60" w/ strong blow, WTS in 27", SI 60"; rec 150' mud, 1550' muddy wtr; IHP-845, IFP-150/431, ISIP-755, FFP-512/744, FSIP-755, FHP-835, BHT-78°F

Core #1 1620-1641' Cut 21'; rec 18'
15' sh
3' ss

Core #2 1641-1671' Cut 30'; rec 29½'
12' ss
17½' sh

Core #3 2784-2802' Cut 18'; rec 18'
6' sd
4' sh
8' sd

Core #4 2867-2872' Cut 5'; rec 5'
5' sd & sltstn

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR American Quasar Petroleum Co.
WELL NO. A-4S
FIELD Pineview
COUNTY Summit
STATE Utah

DATE October 31, 1978 LAB NO. 29162
LOCATION Sec. 4-2N-7E
FORMATION WANSHIP - FRONTIER
INTERVAL
SAMPLE FROM DST #3 (Sampler)

REMARKS & CONCLUSIONS:

Mud, low water loss.

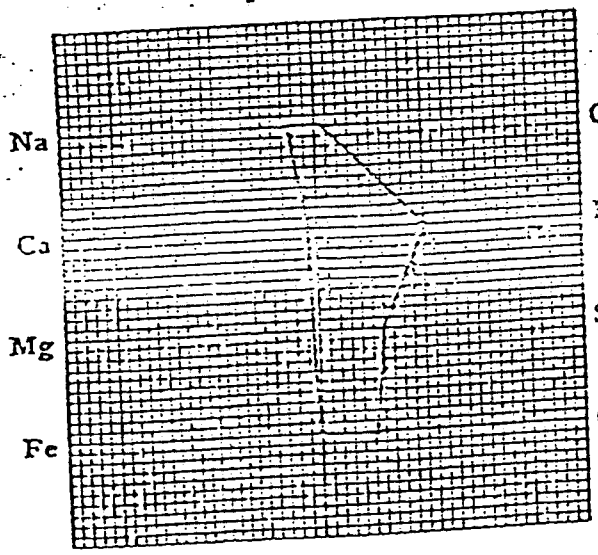
Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	578	25.14	Sulfate	275	5.72
Potassium	10	0.26	Chloride	190	5.36
Lithium			Carbonate	144	4.80
Calcium	12	0.60	Bicarbonate	622	10.20
Magnesium	1	0.08	Hydroxide		
Iron	-		Hydrogen sulfide		
Total Cations		26.08	Total Anions		26.08

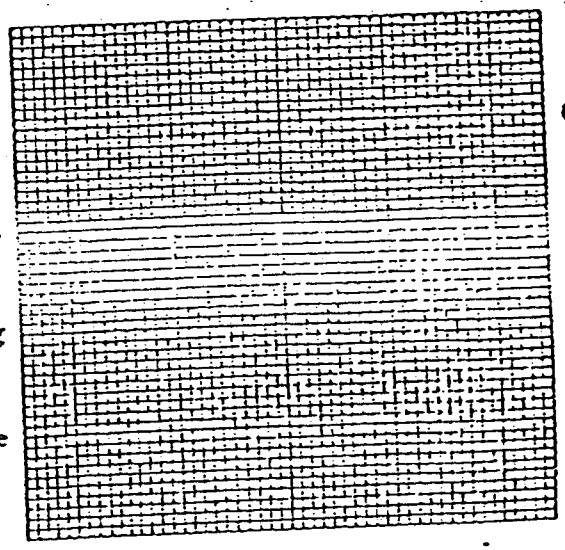
Total dissolved solids, mg/l	1516	
NaCl equivalent, mg/l	1278	
Observed pH	9.1	
Specific resistance @ 68°F.: Observed	4.60	ohm-meters
Calculated	4.70	ohm-meters

WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit





(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter
Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

VISCO WATER ANALYSIS WORK SHEET

COMPANY American Quasar . LOCATION Pineview . Date 3/31/79

TIME . LEASE Pineview 4-4S . WATER SOURCE Well Head

TOTAL DISSOLVED SOLIDS:

	CATIONS	Column 1 mg/l as compound		Column 2 mg/l as ions		Column 3 meq/l	
A.	Sodium			812.27	as Na^+ = 23.0 X	35.31	A.
B.	Total hardness, as $CaCO_3$ =	1950					
C.	Calcium, as $CaCO_3$ =	900	X 0.400 =	360	as Ca^{++} X 0.050 =	18	C.
D.	Magnesium, as $CaCO_3$ =	1050	X 0.243 =	255.15	as Mg^{++} X 0.0823 =	20.99	D.
E.	Barium, as $BaSO_4$ =	Ø	X 0.589 =	Ø	as Ba^{++} X 0.0146 =	Ø	E.
					Subtotal	38.99	
F.	Total Cations =			1427.42		74.30	F.
	ANIONS						
G.	Chloride, as NaCl =	3000	X 0.607 =	1821	as Cl^- X 0.0282 =	51.35	G.
H.	Sulfate, as Na_2SO_4 =	921	X 0.676 =	622.59	as $SO_4^=$ X 0.0208 =	12.94	H.
I.	Carbonate, as $CaCO_3$ =	Ø	X 0.600 =	Ø	as $CO_3^=$ X 0.0333 =	Ø	I.
J.	Bicarbonate, as $CaCO_3$ =	500	X 1.220 =	610	as HCO_3^- X 0.0164 =	10.00	J.
K.	Total Anions =			3053.59		74.30	K.
L.	Total Dissolved Solids			4481.01			L.
M.	Total Iron, as Fe	3.0		3.0			
N.	Acidity to Phen., as $CaCO_3$	200	X 0.440 =	88	as CO_2		

OTHER PROPERTIES:

P.	Sulfide, as H_2S	Ø .	S.	Turbidity	190 JTU .
Q.	Oxygen, as O_2	.	T.	Temperature, °F	.
R.	pH	7.5 .	V.	Spec. Grav.	.

COMMENTS: Anaerobic bacteria tests run.

Kent Harward

DISTRICT/AREA: 15/04 ANALYST: Kent Harward

DIRECTIONS:

Step 1: Complete tests in Column 1, and "Other Properties".

Step 2: Complete the multiplication steps for Columns 2 and 3, except Line A.

Step 3: In Column 3, add C, D, E to get subtotal. In Column 3, add G, H, I and J and enter total in 3K.

Step 4: Subtract subtotal from 3K and enter difference in 3A. In Column 3, add 3A to subtotal and enter in 3F.

Step 5: Multiply 3A by 23.0 and enter in 2A.

Step 6: Add Column 2 Cations to get Total in 2F. Add Anions to get Total in 2K. Add 2F and 2K to get 2L.

VISCO WATER ANALYSIS WORKSHEET

COMPANY AMERICAN QUAZAR LOCATION Pineview Date 3/21/79
TIME 11:00 AM LEASE NEWTON SHEEP #1 WATER SOURCE TREATOR

TOTAL DISSOLVED SOLIDS:

	CATIONS	Column 1 mg/l as compound		Column 2 mg/l as ions		Column 3 meq/l	
				3911.75	as Na^+ = 23.0 X	170.07	A.
A.	Sodium						
B.	Total hardness, as $CaCO_3$ =	2220					
C.	Calcium, as $CaCO_3$ =	110	X 0.400 =	44	as Ca^{++} X 0.050 =	2.2	C.
D.	Magnesium, as $CaCO_3$ =	2110	X 0.243 =	512.73	as Mg^{++} X 0.0823 =	42.19	D.
E.	Barium, as $BaSO_4$ =	9	X 0.589 =	5.30	as Ba^{++} X 0.0146 =	.07	E.
					Subtotal	44.47	
				4473.78		214.54	F.
F.	Total Cations =						
	ANIONS						
G.	Chloride, as NaCl =	11,200	X 0.607 =	6798.4	as Cl^- X 0.0282 =	191.71	G.
H.	Sulfate, as Na_2SO_4 =	770	X 0.676 =	520.52	as $SO_4^=$ X 0.0208 =	10.82	H.
I.	Carbonate, as $CaCO_3$ =	0	X 0.600 =	0	as $CO_3^=$ X 0.0333 =	0	I.
J.	Bicarbonate, as $CaCO_3$ =	600	X 1.220 =	732	as HCO_3^- X 0.0164 =	12.00	J.
K.	Total Anions =			8050.92		214.54	K.
L.	Total Dissolved Solids			12524.7			L.
M.	Total Iron, as Fe	1.8		1.8			
N.	Acidity to Phen., as $CaCO_3$	Not Run	X 0.440 =		as CO_2		

OTHER PROPERTIES:

P.	Sulfide, as H_2S		S.	Turbidity	23 JTU
Q.	Oxygen, as O_2		T.	Temperature, °F	
R.	pH	7.7	V.	Spec. Grav.	

COMMENTS: FORMATION - STUMP
Aerobic and Anaerobic bacteria were in Sample

DISTRICT/AREA: 15 / Evanston Wyo ANALYST: Kurt Hanson

DIRECTIONS:

Step 1: Complete tests in Column 1, and "Other Properties".

Step 2: Complete the multiplication steps for Columns 2 and 3, except Line A.

Step 3: In Column 3, add C, D, E to get subtotal. In Column 3, add G, H, I and J and enter total

Step 4: Subtract subtotal from 3K and enter difference in 3A. In Column 3, add 3A to subtotal and enter in 3F.

Step 5: Multiply 3A by 23.0 and enter in 2A.

Step 6: Add Column 2 Cations to get Total in 2F. Add Anions to get Total in 2K. Add 2F and 2K to get 2L.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co., Utah
Pineview Prosp.

9/26/78 7 days - TD 947'. Drld. 357' of sd in 14½ hrs. Well closed in mixing mud. Mud: wtr. Surveys: ½° @ 693'; 3/4° @ 812'; 1° @ 909'. Pulled bit #4 @ 619'. Bit drld. 84' in 9½ hrs. Dull grade 3-3-I. Ran bit #5 (8-3/4" Hughes J22 - SN MF317). Bit has drld. 328' in 12 hrs. Started taking wtr. flow @ approx. 876'. Had 20-unit gas increase on connection @ 876'; decreased to 4 units; now carrying 4 units bgg. No shows in samples. Drld. to 947' w/wtr. Now SI mixing mud. Drlg.wt 15-18,000#; RPM 70. (Correction to 9/25/78 report: Drlg. @ 590'. Drld. 55' in 7 hrs. Bit #4 drld. 55' in 7 hrs.)

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co., Utah
Pineview Prosp.

9/27/78 8 days - Drlg. in sh, sltstn & lm @ 1243'. Drld. 296' in 12¼ hrs. MW 9.8; vis 60; WL 16.0; pH 12.5. Bit #5 has drld. 624' in 24¼ hrs. Mixed mud to 9.5#/gal; could not kill wtr. flow. Raised to 9.8#/gal. to kill wtr. flow. Drlg. wt 15-18,000#; RPM 75.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co., Utah
Pineview Prosp.

9/28/78 9 days - TD 1620'. TOH to PU core barrel. Drld 377' in 16 hrs. MW 9.8, vis 50, WL 10.0, pH 10.5. Surveys: ¼° @ 1277', 3/4° @ 1303', 1° @ 1497', 1 1/8° @ 1587'. Now POH w/bit #5 @ 1620'. Bit drld 1001' in 40 hrs.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co., Utah
Pineview Prosp.

9/29/78 10 days - TD 1641'. Cored 21' in 10½ hrs. TIH w/core bbl. MW 9.8; vis 55; WL 8.0; pH 8.0. Finished pulling bit #5 @ 1620'. Dull grade 2-2-I. Ran bit #6 - core - (8-3/4" Chr. MC23 - SN 65-22291) @ 1620'. Core bbl. jammed. Pulled bit #6 @ 1641'. Bit drld. 21' in 10½ hrs. Cleaned out core bbl. Now TIH w/bit #6 & core bbl. @ 1641'.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co., Utah
Pineview Prosp.

9/30/78 11 days - Coring @ 1665'. Cored 24' in 6 hrs. MW 10.0; vis 50; WL 5.2; pH 8.0. Finished TIH w/core bbl. & bit #6 @ 1641'. Began washing to bottom. Lost pressure. POH. Found core bbl. washed out. LD top section of core bbl. TIH w/bottom section. Began coring core #2 @ 1641'. Bit #6 has cored total of 45' in 16 hrs. (Cut 21' of core #1--rec. 18'.) Coring wt 20,000#; RPM 70.

PINEVIEW #4-4S
(4,000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

9/16/78 FIRST REPORT. Staked loc. 909' FSL & 824' FEL (SE¼ SE¼) of Sec. 4-2N-7E. Elevation: 6610' GR. Set. 46' 13-3/8" 48# H-40 conductor csg. w/Bill, Jr's Rat Hole. Cemented w/4 yds. ready mix.
9/17 MIRT - Brinkerhoff Drlg. Rig #67.
9/18 RURT.

PINEVIEW #4-4S
(4,000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

9/19/78 RURT.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

9/20/78 Day #1 - Drlg. in cobblestones @ 98'. Drld. 42' in 4½ hrs. MW 9.2; vis 50; WL 10.0; pH 8.5. Ran bit #1 (12¼" Smith DTJ - SN 997SE) @ 56'. Bit has drld. 42' in 4½ hrs. Spudded @ 12:04 AM 9/20/78. Brinkerhoff Rig #67 KB: 10'. Drlg. wt 4000#; RPM 80.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

9/21/78 2 days - Drlg. in coarse sd & gravel @ 293'. Drld. 195' in 10½ hrs. MW 9.6; vis 50; WL 8.8; pH 9.0. Surveys: ½° @ 106' & 258'. Bit #1 has drld. 237' in 15 hrs. Drlg. wt 15,000#; RPM 85.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

9/22/78 3 days - Drlg. in ss & boulders @ 425'. Drld. 132' in 13¾ hrs. MW 9.3; vis 50; WL 7.6; pH 9.0. Survey: 1¼° @ 381'. Pulled bit #1 @ 319'. Bit drld. 263' in 22 hrs. Dull grade 6-6-I. Ran bit #2 (12¼" Smith DTJ - SN 804SE). Pulled bit #2 @ 417'. Bit drld. 98' in 12 hrs. Dull grade 2-2-I. Bit would not drill. Ran bit #3 (12¼" Smith DGJ - SN 890NX) @ 417'. Bit has drld. 8' in ½ hr. Drlg.wt 10,000#; RPM 80.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

9/23/78 4 days - TD 535'. Drld. 110' in 6¾ hrs. WOC 9-5/8" csg. MW 9.5; vis 56; WL 7.6; pH 11.5. Survey: 1° @ 472'. Pulled bit #3 @ 535'. Bit drld. 118' in 7-3/4 hrs. Dull grade 3-3-I. Ran 10 jts 9-5/8" 40# K-55 ST&C csg., total of 436.4', set @ 419' KB. Cemented w/140 sx BJ Light, 10# gilsonite, ¼# flake & 2% CaCl, followed by 140 sx Class "G", ¼# flake & 2% CaCl. Circ. cmt. to surf. PD 1:00 AM 9/23/78. Float held. Now WOC.

9/24 5 days - TD 535'. Testing BOPE.

9/25 6 days - Drlg. in sd & sh @ 620'. Drld. 85' in 7 hrs. MW 8.7; vis 55; WL 25.0; pH 12.0. Survey: 3/4° @ 550'. Tested blind rams & manifold to 1200 psi, hydril to 1000. Ran bit #4 (8-3/4" Hughes OWV - SN AS685) @ 535'. Bit has drld. 85' in 7 hrs. Drlg.wt 12-15,000#; RPM 65.

10/1 12 days - TD 1763'. Cored 6' in 2½ hrs; drld. 92' in 9½ hrs. TIH w/bit #7. MW 10.0; vis 50; WL [illegible]4; pH 8.0. Survey: 2° @ 1735'. Pulled core bbl. @ 1671'. Cored 30' in 8½ hrs. Bit in good condition. Rec. 29½' of core. LD core bbl. Ran bit #RR5 (8-3/4" Hughes J22 - SN MF317) @ 1671'. Pulled bit #RR5 @ 1763'. Bit drld. 92' in 9½ hrs. Dull grade 2-2-I. Now running bit #7 (8-3/4" Reed FP51 - SN 423744) @ 1763'.

10/2 13 days - Drlg. in sh @ 1987'. Drld. 224' in 19½ hrs. MW 10.0; vis 48; WL 6.0; pH 11.0. Survey: 2° @ 1977'. Finished running bit #7 @ 1763'. Bit has drld. 224' in 19½ hrs. Drlg.wt 22,000#; RPM 75.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

10/3/78 14 days - Drlg. in ss @ 2168'. Drld. 181' in 22¼ hrs. MW 10.0; vis 45; WL 5.8; pH 10.0. Survey: 2¼° @ 2158'. Bit #7 has drld. 405' in 42¼ hrs. Drlg. wt 18,000#; RPM 80.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

10/4/78 15 days - Drlg. in shale @ 2356'. Drld. 188' in 21½ hrs. MW 9.9; vis 55; WL 6.0; pH 8.5. Survey: 2½° @ 2340'. Bit #7 has drld. 593' in 64 hrs. Drlg. wt 22,000#; RPM 80.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

10/5/78 16 days - Drlg. in sh @ 2522'. Drld. 166' in 17-3/4 hrs. MW 10.0; vis 46; WL 7.6; pH 9.0. Surveys: 2½° @ 2300'; 2° @ 2452'. Pulled bit #7 @ 2452'. Bit drld. 689' in 77 hrs. Dull grade 2-2-I. Ran bit #8 (8-3/4" Hughes OSC1G - SN DL999). Bit has drld. 70' in 4¼ hrs. Drlg. wt 20-24,000#; RPM 80.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

10/6/78 17 days - TIH w/bit #RR7 @ 2641'. Drld. 119' of sh & sltstn in 10 hrs. MW 10.0; vis 53; WL 6.4; pH 9.0. Survey: 1½° @ 2641'. Pulled bit #8 @ 2641'. Bit drld. 189' in 14 hrs. Dull grade 7-6-I. Now running bit #RR7 (8-3/4" Reed FP51 - SN 423704) @ 2641'.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

10/7/78 18 days - PU core bbl. @ 2784'. Drld. 143' of sh in 17 hrs. MW 10.0; vis 50; WL 6.6; pH 9.0. Survey: 2° @ 2734'. Finished running bit #RR7 @ 2641'. Pulled bit #RR7 @ 2784'. Bit drld. 143' in 17 hrs. Dull grade 3-3-I. Circ. samples @ 2784'. Gas increased from 2 to 52 units while circ. Now PU core bbl.

10/8 19 days - Circ. for DST #1 @ 2815'. Cored 18' in 4 hrs. & drld. 13' in 2 hrs. MW 9.9; vis 53; WL 6.4; pH 10.5. Finished PU core bbl. TIH w/core bit (8-3/4" Chr. MC23 - SN 6S2291) @ 2784' for core #3. Pulled @ 2802'. Cored 18' in 4 hrs. Bit in good condition. Core #3: 2784-2802'--cut 18'; rec. 18'. Ran bit #RR7 (8-3/4" Reed FP51 - SN 423704) @ 2802'. Bit has drld. 13' in 2 hrs. Now circ. for DST #1 @ 2815'.

10/9 20 days - TD 2815'. TIH w/test tools for DST #2. MW 9.8; vis 55; WL 6.0; pH 10.0. Circ. & cond. hole for DST #1. POH. PU test tools. TIH. Set pkr. @ 2775'--would not hold. POH. TIH. Circ. & cond. hole. POH. PU test tools. Now TIH for DST #2 - 2785-2815'.

PINEVIEW #4-4S
(4000' Kelvin - develop)
Summit Co.,Utah
Pineview Prosp.

10/10/78 21 days - Drlg. in sd & sh @ 2845'. Drld. 30' in 4¼ hrs. MW 10.0; vis 60; WL 6.0; pH 9.5. Finished TIH w/DST #2 - 2785-2815' - w/no WC. TO 10 min--w/good blow; SI 65 min; TO 30 min--w/good blow; GTS in 6 min @ 59 MCFD; OTS in 16 min.; SI 60 min. Well flowed 9½ BO; reversed out 16½ bbls; no apparent wtr. Bomb depth 2805'. IHP 1461; IFP 258/1029; ISIP 1340; FFP 949/1306; FSIP 1404; FHP 1444; BHT 123° F. Smplr cap: 2500 cc's; rec. @ 600 psi, 1.03 cuft gas + 1800 cc's oil. Shortened 2nd flow period due to oil & gas flow in annulus. Suspected hole in DP. Upon pulling test, found no hole in DP--apparently sd stringers above pkr seat were kicking. Reran bit #7 (8-3/4" Reed FP51 - SN 423704) @ 2815'. Bit has drld. 30' in 4¼ hrs. Drlg. wt 25,000#; RPM 65.

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

16

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER (Drilling)

2. NAME OF OPERATOR: American Quasar Petroleum Co.

3. ADDRESS OF OPERATOR: 204 Superior Bldg., Casper, Wyo. 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 909.1' FSL & 823.8' FEL

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Pineview

9. WELL NO.: 4-4S

10. FIELD AND POOL, OR WILDCAT: Pineview

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 4-2N-7E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 6610' GR

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Monthly Report of Operations			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This is a Monthly Report of Operations for period 9/16-30/78
(see attached chronological report).

18. I hereby certify that the foregoing is true and correct

SIGNED John R. Sindelar TITLE Division Drlg. Supt. DATE 10/16/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

14
16

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Champlin Petroleum Company

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: PO Box 700, Rock Springs, Wyoming 82902

RECEIVED
APR 26 1985
DIVISION OF OIL
GAS & MINING

9. WELL NO.: 4-4.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

10. FIELD AND POOL, OR WILDCAT: Pineview

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 4 2N 7E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH: Summit

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Change of Operator			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recomplietion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective April 1, 1985, Champlin Petroleum Company will assume operation of the Pineview Field, Summit County, Utah from American Quasar Petroleum Company. All further correspondence should be addressed to: Champlin Petroleum Company, P.O. Box 700, Rock Springs, Wyoming 82902.

The following wells are included in the Pineview Field, Summit County, Utah.

43-043 API	WELLS	LOCATION
30026	Bingham 2-1	NW/4 SW/4 Sec 2, T2N, R7E
30125	Bingham 2-1A	SW SW Sec 2, T2N, R7E
30028	Bingham 2-2	NW NW, Sec 2, T2N, R7E
30033	Bingham 2-3	SE SW, Sec 2, T2N, R7E
30038	Bingham 2-4	SE NW, Sec 2, T2N, R7E
	Bingham 2-5 (TA)	NW SE, Sec 2, T2N, R7E
30025	Bingham 10-1	NW NE, Sec 10, T2N, R7E
30016	Bingham 10-2	NW NW, Sec 10, T2N, R7E
30097	Bingham 10-3 (water INJ)	SE NW, Sec 10, T2N, R7E
30012	UPRR 3-1	NW/4 NW/4, Sec 3, T2N, R7E
30015	UPRR 3-2	NW SW, Sec 3, T2N, R7E
30019	UPRR 3-3	NW/SE, Sec 3, T2N, R7E

43-043 API	WELLS	LOCATION
30031	UPRR 3-4	SE NW, Sec 3, T2N, R7E
30035	UPRR 3-5 (WATER INJ)	SE SW, Sec 3, T2N, R7E
30036	UPRR 3-6	SE SE, Sec 3, T2N, R7E
	Pineview 3-7 (TA)	SW SW, Sec 3, T2N, R7E
30120	UPRR 3-8	SW NW, Sec 3, T2N, R7E
30151	UPRR 3-9	NE SE, Sec 3, T2N, R7E
	Newton Sheep #1	NE SE, Sec 4, T2N, R7E
	Clark 4-1 (TA)	SE SW, Sec 4, T2N, R7E
30077	Pineview 4-3	SE SE, Sec 4, T2N, R7E
30083	Pineview 4-4	SE SE Sec 4, T2N, R7E
30103	Newton Sheep 4-5	NE NE, Sec 4, T2N, R7E

CONTINUES PAGE 2

18. I hereby certify that the foregoing is true and correct

SIGNED S.M. Scheam TITLE Production Superintendent DATE March 27, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DOGM 56-64-2
an equal opportunity employe

UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ●(801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

●CHAMPLIN PETROLEUM CO.
P O BOX 700
ROCK SPRINGS WY 82902
ATTN: BETTY OLSON

Utah Account No. N0200

Report Period (Month/Year) 5 / 87

Amended Report ☐

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
BINGHAM 2-4 4304330038 02190 02N 07E 2	NGSD				
BINGHAM 10-1 4304330025 02195 02N 07E 10	TWNCR				
PINEVIEW 4-3 4304330077 02210 02N 07E 4	TWNCR				
PINEVIEW 4-4S 4304330083 02215 02N 07E 4	FRTR				
NEWTON SHEEP 4-10S 4304330133 02220 02N 07E 4	STUMP				
CLARK 4-1 4304330071 02225 02N 07E 4	STUMP				
NEWTON SHEEP 4-11S 4304330239 02226 02N 07E 4	STUMP				
UPRR 3-4 43043-30031 02N 7E 3	TA'd				
	TOTAL				

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____

PLEASE COMPLETE FORMS IN BLACK INK

champlin

A Subsidiary of
Union Pacific Corporation

May 29, 1987

RECEIVED
JUN 01 1987

060817

DIVISION OF
OIL, GAS & MINING

Department of Natural Resources
Division of Oil, Gas & Mining
State of Utah
355 North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

Re: Bond Nos. 951566 and 2447222

Gentlemen:

As of May 1, 1987, Champlin Petroleum Company was reorganized and its name was changed to Union Pacific Resources Company. Attached herewith you will find a copy of the following:

1 - "Bond Rider" reflecting the name change.

2 - Certificate of Amendment and Acknowledgement, State of Delaware.

If you should have any questions, please do not hesitate to contact the undersigned.

Sincerely,

Ed Robert

Edward Robert
Insurance Coordinator

ER:vp-9

Attachment

Champlin Petroleum Company
P.O. Box 7
Fort Worth, Texas 76101-0007
817/877-6000

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number: Fee

7. Indian Allottee or Tribe Name:

8. Unit or Communitization Agreement:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other (specify)

9. Well Name and Number: Pineview 4-4S

2. Name of Operator: UNION PACIFIC RESOURCES COMPANY

10. API Well Number: 43-043-30083

3. Address of Operator: P.O. Box 7-MS 3407, Fort Worth TX 76101-0007

4. Telephone Number: 817/877-7952

11. Field and Pool, or Wildcat: Pineview

5. Location of Well
Footage : 909' FSL & 824' FEL
QQ, Sec, T., R., M. : SE SE Sec 4-T2N-R7E
County : Summit
State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Change of Well Status	
[ ] Other			

Approximate Date Work Will Start: _____

Date of Work Completion: _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well has become uneconomical to produce. Therefore, Union Pacific Resources Company has elected to shut-in this well pending an engineering evaluation.

SI Date 3/27/92.

RECEIVED
APR 15 1992
DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature: Rachelle Montgomery /Rachelle Montgomery Title: Regulatory Tech Date: 4-13-92

(State Use Only)

(8/90)

See Instructions on Reverse Side

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:	Fee
6. If Indian, Allottee or Tribe Name:	N/A
7. Unit Agreement Name:	N/A
8. Well Name and Number:	Pine View 4-4S
9. API Well Number:	43-043-30083
10. Field and Pool, or Wildcat:	Pine View

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL [X] GAS [ ] OTHER:

2. Name of Operator:
UNION PACIFIC RESOURCES COMPANY

3. Address and Telephone Number:
P.O. Box 7, Fort Worth, Texas 76101-007 817/877-7952

4. Location of Well
Footages: 909' FSL and 824' FEL County: Summit
QQ, Sec., T., R., M.: SE SE Sec. 4-T2N-R7E State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandonment	[ ] New Construction	[ ] Abandonment *	[ ] New Construction
[ ] Casing Repair	[ ] Pull or Alter Casing	[ ] Casing Repair	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recompletion	[ ] Change of Plans	[ ] Shoot or Acidize
[ ] Conversion to Injection	[ ] Shoot or Acidize	[ ] Conversion to Injection	[ ] Vent or Flare
[ ] Fracture Treat	[ ] Vent or Flare	[ ] Fracture Treat	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[X] Other Temporarily shut-in	
[ ] Other			

Approximate date work will start _____

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Union Pacific Resources requests permission for the above mentioned well to remain temporarily shut-in pending engineering evaluation.

RECEIVED
JUN 2 7 1993
DIVISION OF
OIL, GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6-24-93
BY: [signature]

13.
Name & Signature: Cami Minzenmayer Cami Minzenmayer Title: Regulatory Analyst Date: 6-22-93

(This space for State use only)

(12\92) (See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL (X) GAS ( ) OTHER: ( ) INJ. ( )

8. Well Name and Number: Pineview 4-4S

9. API Well Number: 43-043-30083

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: Pineview

3. Address and Telephone Number: P. O. Box 7 MS 29-3006-01 Fort Worth, Texas 76101-0007
Telephone (817) 321-6739

4. Location of Well
Footages: 909' FSL, 824' FEL
QQ, Sec., T., R., M.: (SESE) Sec. 4, T2N-R7E
County: Summit
State: Utah

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	( ) Other_____	
(X) Other: **Change of Operator**			

Approximate date work will start: Upon Approval

Date of work completion_____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Union Pacific Resources Company has sold the captioned well to Citation Oil & Gas Corp. P. O. Box 690688, Houston, Texas 77269-0688 and requests that Citation be named Operator of Record effective January 1, 1999. Please release this well from coverage under Union Pacific Resources Company's Utah Statewide Bond #2447222.

On behalf of Union Pacific Resources Company I hereby certify that the foregoing is true and correct:

Dorothy Moravek DMoravek Title: Regulatory Analyst Date 12-18-98

By execution of this document, Citation Oil & Gas Corp. requests the State of Utah to approve it as Operator of Record for the above captioned well. Citation accepts responsibility for this well under it's Utah Statewide Bond #587800.

13. On behalf of Citation Oil & Gas Corp. I hereby certify that the foregoing is true and correct:

Robert T. Kennedy Robert T. Kennedy Title: Vice President-Land Date: 12-22-98

(This space for State use only)

RECEIVED
DEC 24 1998
DIV. OF OIL, GAS & MINING

(12/92)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

RON REAMES
UNION PACIFIC RESOURCES CO
PO BOX 7
FORT WORTH TX 76101-0007

UTAH ACCOUNT NUMBER: N9465

REPORT PERIOD (MONTH/YEAR): 12 / 98

AMENDED REPORT ☐ **(Highlight Changes)**

Well Name / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
PINEVIEW 4-3 4304330077 02210 02N 07E 4	TWNCR			fee (POW)		
PINEVIEW 4-4S 4304330083 02215 02N 07E 4	FRTR			fee (SOW)		
BLONQUIST 26-3 4304330235 02595 02N 06E 26	TWNCR			fee (SOW)		
NEWTON SHEEP 1 4304330284 10768 02N 07E 18	TWNCR			fee (SOW)		
UPRR 1H 19-2X (RIG SKID) 4304330300 11592 02N 07E 19	TWNCR			fee (SOW)		
JUDD 34-1H 4304330301 11607 02N 06E 34	TWNCR			fee (POW)		
[illegible]R 3-10 4304330302 11626 02N 07E 3	NGSD			fee (POW)		
UPRR 17-2H 4304330304 11647 02N 07E 17	TWNCR			fee (POW)		
UPRR 35-2H (MULTI-LEG) 4304330305 11659 02N 06E 35	TWNCR			fee (POW)		
NEWTON SHEEP 20-1H (MULTI-LEG) 4304330310 11696 02N 07E 20	TWNCR			fee (SOW)		
JUDD 4-1H 4304330311 11750 01N 06E 4	WTCYN			fee (POW)		
NEWTON SHEEP 24-1H 4304330308 11755 02N 06E 24	WTCYN			fee (SOW)	GA# UTU74867	
BLONQUIST 26-1H 4304330314 11950 02N 06E 26	WTCYN			fee (SOW)		
			TOTALS			

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____

Name and Signature: _____ Telephone Number: _____

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

January 27, 1999

Union Pacific Resources Company
Attn: Dorothy Moravek
P.O. Box 7 MS 29-3006-01
Fort Worth, Texas 76101-0007

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a change of operator from Union Pacific Resources Co. to Citation Oil & Gas Corporation for the following well(s) which are located on a fee lease:

Well Name	Sec.-T.-R.	API Number
Bingham 1-43-3	03-02N-07E	43-043-30029
Judd 34-3	34-02N-06E	43-043-30098
Judd 34-1	34-02N-06E	43-043-30061
UPRR 3-1	03-02N-07E	43-043-30012
UPRR 3-2	03-02N-07E	43-043-30015
UPRR 3-6	03-02N-07E	43-043-30036
UPRR 3-9	03-02N-07E	43-043-30151
Bingham 2-1	02-02N-07E	43-043-30026
Bingham 2-1A	02-02N-07E	43-043-30125
Bingham 2-2	02-02N-07E	43-043-30028
Bingham 2-3	02-02N-07E	43-043-30033
Bingham 2-4	02-02N-07E	43-043-30038
Bingham 10-1	10-02N-07E	43-043-30025
Pineview 4-3	04-02N-07E	43-043-30077
Pineview 4-4S	04-02N-07E	43-043-30083
Blonquist 26-3	26-02N-06E	43-043-30235
Newton Sheep 1	18-02N-07E	43-043-30284
UPRR 1H 19-2X	19-02N-07E	43-043-30300
Judd 34-1H	34-02N-06E	43-043-30301
UPRR 3-10	03-02N-07E	43-043-30302
UPRR 17-2H	17-02N-07E	43-043-30304

Well Name	Sec.-T.-R.	API Number
UPRR 35-2H	35-02N-06E	43-043-30305
Newton Sheep 20-1H	20-02N-07E	43-043-30310
Judd 4-1H	04-01N-06E	43-043-30311
Blonquist 26-1H	26-02N-06E	43-043-30314
Bingham 2-6H	02-02N-07E	43-043-30317
UPR 3-11H	03-02N-07E	43-043-30318
Blonquist 26-4	26-02N-06E	43-043-30268
UPRC 33-1	33-02N-06E	43-043-30233
Clark 4-1	04-02N-07E	43-043-30071
UPRC 1	17-02N-07E	43-043-30290
B.A. Bingham & Sons 1	02-02N-07E	43-043-30295

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Union Pacific Resources Co. of its responsibility to notify all individuals with an interest in this lease (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Kristen D. Risbeck

Kristen D. Risbeck

cc: Citation Oil & Gas Corporation
Utah Royalty Owners Association, Kent Stringham
John R. Baza, Associate Director
Operator File(s)

Citation
OIL & GAS CORP.

March 29, 1999

Kristen Risbeck
State of Utah
P O Box 145801
Salt Lake City, Utah 84114-5801

Re: Transfer of Authority to Inject

Dear Ms. Risbeck:

Enclosed please find an original and one copy of the form 5 to transfer the following wells into Citation Oil & Gas Corp.'s name.

UPRC 33-1 SWD	43-043-30233
Blonquist 26-4 SWD	43-043-30268
Clark 4-1 SWD	43-043-30071
Exxon UPRC #1 SWD	43-043-30290
B. A. Bingham & Sons Inc. #1	43-043-30295

If you have any questions regarding this form, please contact the undersigned at 281-469-9664. Thank you.

Sincerely,

Sharon Ward

Sharon Ward
Regulatory Administrator

Cc: Dorothy Moravek
UPRC

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing:	
1-KDR ✓	6-KAS ✓
2-~~CLH~~ Ltr	7-SJ
3-JRB ✓	8-FILE
4-CDW ✓	
5-KDR ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)
☐ Designation of Operator
☐ Designation of Agent
☐ Operator Name Change Only

The operator of the well(s) listed below has changed, **effective:** 1-1-99

TO: (new operator)	CITATION OIL & GAS CORP	**FROM:** (old operator)	UNION PACIFIC RESOURCES CO
(address)	P.O. BOX 690688	(address)	P.O. BOX 7 MS 29-3006-01
	HOUSTON, TX 77269-0688		FORT WORTH, TX 76101-0007
	RUTH ANN ALFORD		DOROTHY MORAVEK
	Phone: (281)469-9664		Phone: (817)321-6739
	Account no. N0265		Account no. N9465

WELL(S) attach additional page if needed:

Name:	*SEE ATTACHED*	API:	43-043-30083	Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	
Name:		API:		Entity:		S	T	R	Lease:	

OPERATOR CHANGE DOCUMENTATION

KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-24-98)

KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 12-24-98)

N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____.

N/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.

KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-99)

KDR 6. **Cardex** file has been updated for each well listed above.

N/A 7. Well **file labels** have been updated for each well listed above. (#new filing system)

KDR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (3-11-99)

KDR 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

KDR 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) NO If entity assignments were changed, attach copies of Form 6, Entity Action Form.

KDR 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

KDR 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond. (Rec'd 2.11.99 Bond # RSB-6705605)

KDR 2. A **copy of this form** has been placed in the new and former operator's bond files.

KDR 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) YES, as of today's date _____. If yes, division response was made to this request by letter dated 3.10.99.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

KDR 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 1.27.99 19 __, of their responsibility to notify all interest owners of this change.

FILMING

KDR 1. All attachments to this form have been **microfilmed**. Today's date: 5.12.99.

FILING

__ 1. **Copies** of all attachments to this form have been filed in each **well file**.

__ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

Union Pacific Resources

March 25, 1999

Mr. Robert J. Krueger
State of Utah
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Shut-in and Temporarily Abandoned Wells Compliance Review

Dear Bob:

I am in receipt of your letter dated March 2, 1999. The wells listed in your letter, which I have itemized below, were sold to Citation Oil & Gas Corp., P. O. Box 690688, Houston, Texas 77269-0688 (Attention Ruth Ann Alford) with an effective sale date of January 1, 1999.

Well Name	API Number
UPRR 3-1	43-043-30012
Judd 34-3	43-043-30098
Judd 34-1	43-043-30061
Pineview 4-4S	43-043-30083
Bingham 2-3	43-043-30033
Bingham 2-2	43-043-30028

Please contact me at (817) 321-6739 if I can provide any additional information.

Very truly yours,

D Moravek

Dorothy Moravek
Regulatory Analyst

P.O. Box 7 Fort Worth, Texas 76101-0007 (817) 321-6000

Well File
43-043-30083

State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

January 22, 2004

CERTIFIED MAIL # 7002 0510 0003 8602 4781

Sharon Ward
Citation Oil & Gas Corp.
P.O. Box 690688
Houston, TX 77269-0688

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases.

Dear Ms. Ward:

Citation Oil & Gas Corp., as of January 2004, has two (2) State Lease Wells and fifteen (15) Fee Lease Wells (see attachment A) that are currently in non-compliance for extended shut-in or temporary abandonment status. Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,

Dustin K. Doucet
Petroleum Engineer

jc
cc: John Baza
Well File
Sitla

	Well Name	API	Lease Type	Years Inactive
1	Walker Hollow U 58	43-047-30912	State	7 Years 7 Months
2	Walker Hollow 44	43-047-30688	State	10 Years 7 Months

1	Elkhorn Watton Cyn U 17-2H	43-043-30304	Fee	2 Years 2 Months
2	UPRR 35-2H	43-043-30305	Fee	4 Years 6 Months
3	Bingham 10-1	43-043-30025	Fee	5 Years 7 Months
4	UPRC 3-11H	43-043-30318	Fee	5 Years 8 Months
5	Blonquist 26-1H	43-043-30314	Fee	6 Years 4 Months
6	Blonquist 26-3	43-043-30235	Fee	6 Years 4 Months
7	Bingham 2-2	43-043-30028	Fee	6 Years 7 Months
8	Elkhorn Watton Cyn U 19-2X	43-043-30300	Fee	6 Years 8 Months
9	Elkhorn Watton Cyn U 18-1	43-043-30284	Fee	7 Years 4 Months
10	Bingham 2-4	43-043-30038	Fee	7 Years 8 Months
11	Bingham 2-3	43-043-30033	Fee	10 Years 7 Months
12	UPRR 3-1	43-043-30012	Fee	10 Years 8 Months
13	Judd 34-1	43-043-30061	Fee	10 Years 9 Months
14	Judd 34-3	43-043-30098	Fee	10 Years 9 Months
15	Pineview 4-4S	43-043-30083	Fee	10 Years 9 Months

Attachment A

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: **FEE**

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL ☒ GAS ☐ OTHER:

8. Well Name and Number: **Pineview 4-4S**

2. Name of Operator: **Citation Oil & Gas Corp.**

9. API Well Number: **43-043-30083**

3. Address and Telephone Number: **P O Box 690688, Houston, Texas 77269 (281) 517-7800**

10. Field and Pool, or Wildcat: **Pineview**

4. Location of Well

Footages: **909 FSL & 824 FEL** County: **Summit**

QQ, Sec., T., R., M.: **SE SE Sec. 4-T2N-R7E** State: **Utah**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment*	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other **Hold for use in waterflood**	
☐ Other			
Approximate date work will start		Date of work completion	

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Citation requests permission to retain this wellbore in a shut-in status. Citation is currently evaluating the waterflood at the Elkhorn Field. Based on the results of that study, this well may become useful if we choose to expand the waterflood to include the Pineview and Lodgepole fields. The Casing Pressure = 10 psi, Tubing Pressure = 10 psi, Casing-Casing Annular Pressure = 0 psi, Fluid level 662 from surface.

THIS SUNDRY IS BEING RETURNED; INSUFFICIENT DATA WAS SUBMITTED TO APPROVE THE REQUESTED ACTION (see attached letter).

April 5, 2004

Utah Division of Oil, Gas and Mining

13.

Name & Signature: Sharon Ward **Sharon Ward** Title: **Regulatory Administrator** Date: **2/18/04**

(This space for State use only)

COPY SENT TO OPERATOR
Date: 04-08-04
Initials: CHD

(12\92) (See Instructions on Reverse Side)

RECEIVED

MAR 0 1 2004

DIV. OF OIL, GAS & MINING

Well History Summary

Well: Pineview #4-4S

API: 43-043-30083

Location: 909' FSL, 824' FEL, SE SE, Section 4, T-2-N, R-7-E
Summit County, Utah

Elevations: 6610' GL
6620' KB

TD: 3156'
PBTD: 2910'

Casing: 9 5/8", 40#, K-55 @ 419' (12 1/4" Hole) cmt'd W/280 sx
7", 23#, N-80 & K-55 @ 3156' (8 3/4" Hole) cmt'd W/200 sx

Tubing: 102 jts, 2 7/8", N-80, EUE, 8rd tbg

Initial Completion: 11/78
CO well to 3075 PBTD'. Run CBL-CCL-GR Log. Note TOC @ 2175'. Perf Frontier F/2930 – 42 & 47 - 80 (4 JSPF). Set CICR @ 2910'. SQZ perfs W/150 total sx cmt: 130 sx into formation, 15 sx on top of CICR, & 5 sx reversed out to 2200 psi. Perf 4 SQZ holes @ 2749'. Set CICR @ 2720'. SQZ 2 times W/300 total sxs cmt to 2500 psi. CO well to new PBTD @ 2910'. Perf Frontier F/2784 – 2832 & 62 – 82 (4 JSPF). RIH W/prod PKR & tbg. Complete well flowing. ($54,925)

Initial Potential: 360 BOPD + 405 MCFPD + 0 BWPD

DST Intervals: (#1) 2775-2815 – bad test, (#2) 2785-2815, (#3) 2823-2918, & (#4) 1599-1701

Core Intervals: (#1) 1620-41, (#2) 1641-71, (#3) 2784-2802, (#4) 2867-72, (#5) 2872-2919, (#6) 2961-71, (#7) 2971-84, & (#8) 2984-3006

Logs Available: Dual Induction/SFL-GR-SP, Thermal Neutron Decay Time Log, Synergetic Log, BHC Sonic-GR-Caliper, CNL/FDL-GR-Caliper, & Geological Log

History Updated: 3/27/02

Well Status: SI Frontier Producer

Perforations: Frontier: 2784 – 2832 & 62 – 82 **(4 JSPF) (11/78)**
2930 – 42 & 47 – 80 **(4 JSPF) (Shot & SQZ'd – 11/78)**

SQZ Perfs: 2749 **(4 JSPF) (Shot & SQZ'd – 11/78)**

Workovers:

1/79 Run Thermal Decay Time Log. Put well back on production.

11/79	CO well to PBTD @ 2910'. Put well on rod pump. ($8900)
1/80	Pumping unit failure. SI well. ($?)
2/80	Repair pumping unit. RTP well. ($?)
9/80	Flowline plugged. Repair line ($1,650)
12/85	RP & PC ($?)
1/86	RP ($?)
1/86	PC ($3,797)

Date: 3-27-02

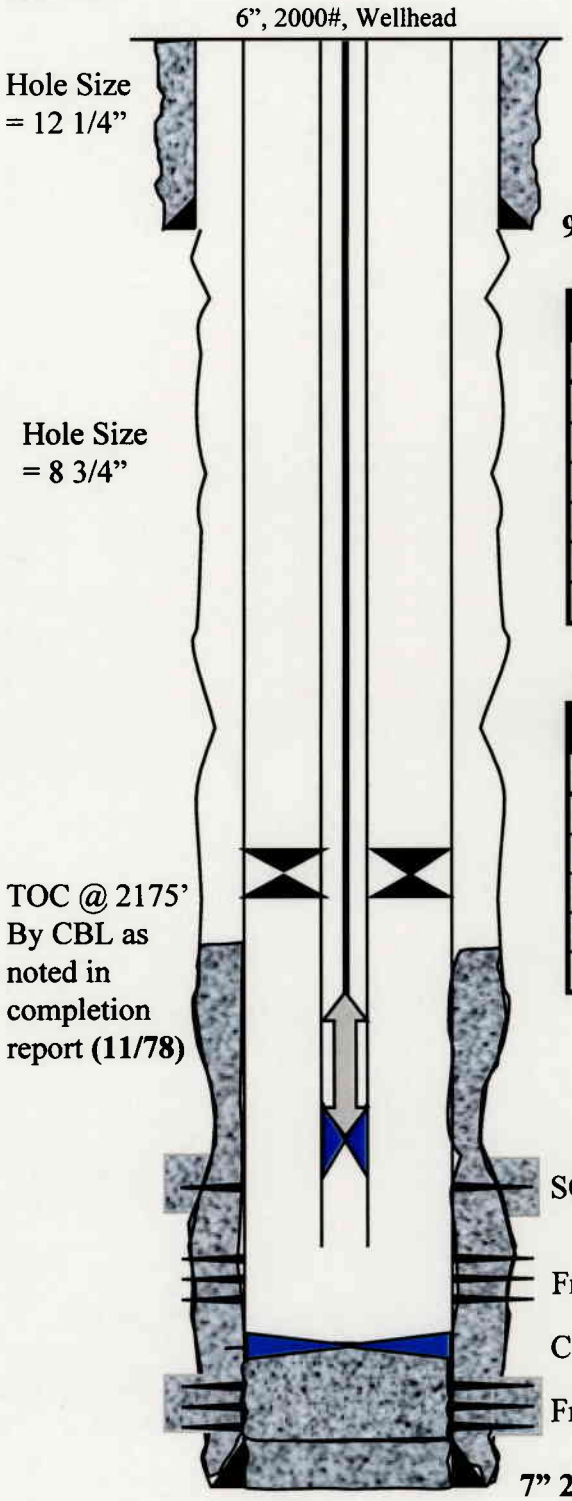
Citation Oil & Gas Corporation
Pineview #4-4S
Wellbore Diagram

Present Status

Ground Elevation = 6610'
RKB = 6620'
KB = 10'

Surface Location

909' FSL & 824' FEL, SE SE,
Section 4, T-2-N, R-7-E,
Summit County, UT



9 5/8" 40# K-55 Csg @ 419' cmt'd W/280 sx

TUBING DETAIL			
Qty	Description	Length	Depth
---	KB (used)	12	12.00
88	2 7/8", N-80, 6.5#, 8rd, EUE tbg	2,704.88	2,716.88
1	7" Baker TAC in 14K tension	2.32	2,719.20
4	2 7/8", N-80, 6.5#, 8rd, EUE tbg	126.74	2,845.94
1	S.N.	1.10	2,847.04
1	2 7/8", N-80, 6.5#, 8rd, EUE MA	31.05	2,878.09

ROD & PUMP DETAIL			
Qty	Description	Length	Depth
1	1 1/2" Polished rod	26	26.00
2	1" X 2' pony rods	4	30.00
107	3/4" API grade "D" rods	2,675.00	2,705.00
4	1" API grade "D" rods	100.00	2,805.00
4	25 - 200 - 24' - RHBC	24.00	2,829.00

SQZ Perfs: 2749 (4 JS) **(Shot & SQZ'd-11/78)**

Frontier Perfs: 2784-2832 & 62-82 (4 JSPF) **(11/78)**

CICR @ 2910' **(11/78)**

Frontier Perfs: 2930-42 & 47-80 (4 JSPF) **(Shot & SQZ'd-11/78)**

7" 23# N-80 & K-55 Csg @ 3156' cmt'd W/200 sx

PBTD = 2910'
TD = 3156'

State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

April 7, 2004

CERTIFIED MAIL NO. 7002 0510 0003 8602 6396

Ms. Sharon Ward
Citation Oil & Gas Corporation
P.O. Box 690688
Houston, Texas 77269-0688

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated January 22, 2004.

Dear Ms. Ward:

This correspondence is in response to your seventeen (17) sundries dated February 11 and February 18, 2004 received by the Division on March 1, 2004. The Division of Oil, Gas and Mining is returning those sundries for lack of sufficient data to approve extended shut-in status.

The submitted sundries did not state the expected length of time to be SI/TA (R649-3-36-1.2) or give an explanation as to how the submitted information proved the well(s) had integrity (R649-3-36-1.3).

For reference, Attachment A lists the wells subject to the request. If you have any question or need additional assistance in regards to this matter please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

jc

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7223 • *www.ogm.utah.gov*

	Well Name	API	Lease Type	Years Inactive
1	Walker Hollow U 58	43-047-30912	State	7 Years 7 Months
2	Walker Hollow 44	43-047-30688	State	10 Years 7 Months

1	Elkhorn Watton Cyn U 17-2H	43-043-30304	Fee	2 Years 2 Months
2	UPRR 35-2H	43-043-30305	Fee	4 Years 6 Months
3	Bingham 10-1	43-043-30025	Fee	5 Years 7 Months
4	UPRC 3-11H	43-043-30318	Fee	5 Years 8 Months
5	Blonquist 26-1H	43-043-30314	Fee	6 Years 4 Months
6	Blonquist 26-3	43-043-30235	Fee	6 Years 4 Months
7	Bingham 2-2	43-043-30028	Fee	6 Years 7 Months
8	Elkhorn Watton Cyn U 19-2X	43-043-30300	Fee	6 Years 8 Months
9	Elkhorn Watton Cyn U 18-1	43-043-30284	Fee	7 Years 4 Months
10	Bingham 2-4	43-043-30038	Fee	7 Years 8 Months
11	Bingham 2-3	43-043-30033	Fee	10 Years 7 Months
12	UPRR 3-1	43-043-30012	Fee	10 Years 8 Months
13	Judd 34-1	43-043-30061	Fee	10 Years 9 Months
14	Judd 34-3	43-043-30098	Fee	10 Years 9 Months
15	Pineview 4-4S	43-043-30083	Fee	10 Years 9 Months

Attachment A

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: **FEE**

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

8. Well Name and Number: **Pineview 4-4S**

2. Name of Operator: **Citation Oil & Gas Corp.**

9. API Well Number: **43-043-30083**

3. Address and Telephone Number: **P O Box 690688, Houston, Texas 77269 (281) 517-7800**

10. Field and Pool, or Wildcat: **Pineview**

4. Location of Well

Footages: **909 FSL & 824 FEL** County: **Summit**

QQ, Sec., T., R., M.: **SE SE Sec. 4-T2N-R7E** State: **Utah**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment*	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other **SI extension - supplemental information**	
☐ Other			
Approximate date work will start		Date of work completion	

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Citation requests approval to retain this wellbore in a shut-in status until such time as procedures to Plug and Abandon the well can be prepared, approved and a Notice of Intent to Plug and Abandon is submitted to your office for approval. At present, CP = 10 psi, TP = 10 psi, Casing-Casing Annular Pressure = 0 psi and the fluid level is 662' from surface.

COPY SENT TO OPERATOR
Date: 7-22-04
Initials: CHD

13. Name & Signature: Debra Harris **Debra Harris** Title: **Prod./Reg. Coord.** Date: **7/8/2004**

(This space for State use only)

(12\92) (See Instructions on Reverse Side)

OIL, GAS, AND MINING
DATE: 7/21/04
BY: *See attached letter dated 7/21/04

RECEIVED
JUL 14 2004
DIV. OF OIL, GAS & MINING

State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

July 21, 2004

CERTIFIED MAIL NO. 7002 0510 0003 8602 5221

Ms. Debra Harris
Citation Oil & Gas Corporation
P.O. Box 690688
Houston, Texas 77269-0688

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated January 22, 2004.

Dear Ms. Harris:

This correspondence is in response to Citation Oil & Gas Corporation's ("Citation") seventeen (17) sundries with various dates between June 8 and July 18, 2004. It is the Division of Oil, Gas and Mining's (the "Division") understanding that Citation intends to plug four (4) wells this year and requests extended shut-in/temporary abandonment for the remaining thirteen (13) wells as various water floods involving these wells are currently under evaluation regarding economics, polymer treatment, conversion to injectors, and possible expansion.

Based on the proposed plan to plug and abandon the Bingham 2-3, Pineview 4-4S, Blonquist 26-1H and Judd 34-1, and submitted information for the other thirteen (13) wells the Division grants all seventeen (17) wells shut-in/temporary abandonment extensions, with the condition the wells are placed at a minimum on quarterly monitoring and documenting of pressures and fluid levels. The documented information for these wells should be submitted to the Division at the end of the year for review. However, if pressures or fluid levels change significantly during the year please inform the Division immediately. Corrective action may be necessary. These extensions are valid through June 8, 2005, allowing adequate time to complete the proposed work. The approved sundries are enclosed with this letter.

For reference, Attachment A lists the wells subject to the request. If you have any question or need additional assistance in regards to this matter please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

CLD:jc
Enclosures

cc: Well file
SITLA

	Well Name	API	Lease Type	Years Inactive
1	Walker Hollow U 58	43-047-30912	State	7 Years 7 Months
2	Walker Hollow 44	43-047-30688	State	10 Years 7 Months

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10	Bingham 2-4	43-043-30038	Fee	7 Years 8 Months
11	Bingham 2-3	43-043-30033	Fee	10 Years 7 Months
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13	Judd 34-1	43-043-30061	Fee	10 Years 9 Months
14	Judd 34-3	43-043-30098	Fee	10 Years 9 Months
15	Pineview 4-4S	43-043-30083	Fee	10 Years 9 Months

Attachment A

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:	**FEE**
6. If Indian, Allottee or Tribe Name:	
7. Unit Agreement Name:	
8. Well Name and Number:	**Pineview 4-4S**
9. API Well Number:	**43-043-30083**
10. Field and Pool, or Wildcat:	**Pineview**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator: **Citation Oil & Gas Corp.**

3. Address and Telephone Number: **P O Box 690688, Houston, Texas 77269 (281) 517-7800**

4. Location of Well
Footages: **909 FSL & 824 FEL** County: **Summit**
QQ, Sec., T., R., M.: **SE SE Sec. 4-T2N-R7E** State: **Utah**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☒ Abandonment	☐ New Construction	☐ Abandonment*	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☐ Other	
☐ Other			

Approximate date work will start

Date of work completion

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Citation requests permission to plug and abandon the above named well with the attached procedure.

3- PIC

COPY SENT TO OPERATOR
Date: 8-16-04
Initials: CHD

13.

Name & Signature: Bridget Alexander **Bridget Alexander** Title: **Regulatory Assistant** Date: **7/26/04**

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING (See Instructions on Reverse Side)
DATE: 8/9/04
BY: D. R. Dutt
* see conditions of Approval (Attached)

(12\92)

RECEIVED
JUL 28 2004
DIV. OF OIL, GAS & MINING

CITATION OIL & GAS CORPORATION
PINEVIEW FIELD
PLUG & ABANDON PROCEDURE

DATE: 5-25-04 **WELL NO.** Pineview #4-4S

NOTE **The State of Utah Division of Oil, Gas, & Mining (801-538-5340) must be notified at least 24 hrs prior to starting any of the plugging operations. (Contact: Dan Jarvis @ 801-538-5338).**

1. POOH & LD pump, rods, & tbg. Send tbg into Tuboscope for inspection. Bring tbg back to Pineview stockyard and write material transfer. Load L-80 (yellow and blue band) 2 7/8" 6.5# WS from Pineview stockyard to take back to rig.

2. PU 2 7/8" WS & RIH W/SN, bit, & scraper for 7" 23# csg to PBTD @ 2910'. Drop SV & press test tbg to 4000 psi. POOH W/tbg & tools.

3. PU & RIH W/CICR for 7", 23# csg. Set CICR @ +/-2730'. Sting out of CICR. Circ hole clean W/fresh wtr. Sting into CICR. Establish inj rate & pressure. Mix & pump a total of 60 sx of "G" neat cmt. Pump 50 sx under CICR, sting out of CICR, and dump 10 sx cmt on top of CICR. POOH to +/- 2600'. Rev circ clean W/30 BBLS of fresh wtr.

4. Pressure test csg to 300 psi. If leaks are detected, TOOH W/tbg. PU & RIH W/RBP & PKR & identify csg leak(s). Cmt SQZ'ing provisions will be made accordingly. If no leaks are detected, rev circ W/100 BBLS PKR fluid then POOH W/tbg.

5. PU & RIH W/CIBP for 7" 23# csg & set at 500'. Spot 37 sx "G" neat (200') cmt on top of CIBP from 500 – 300'.

6. Pull end of tbg to 200'. Reverse circ clean W/10 BBLS of PKR fluid. POOH W/tbg.

7. Load 9 5/8" X 7" annulus W/fresh wtr. Report results to Gillette prior to continuing.

8. Spot a 10 sk "G" neat cmt plug from 50' - surface inside 7" csg.

9. Spot 7 sx cmt into annulus between 9 5/8" & 7" csg.

10. Cut off csg 4' below GL & install P&A marker as per regulations.

11. Reclaim location as per regulations & land owner specifications.

Date: 5-18-04

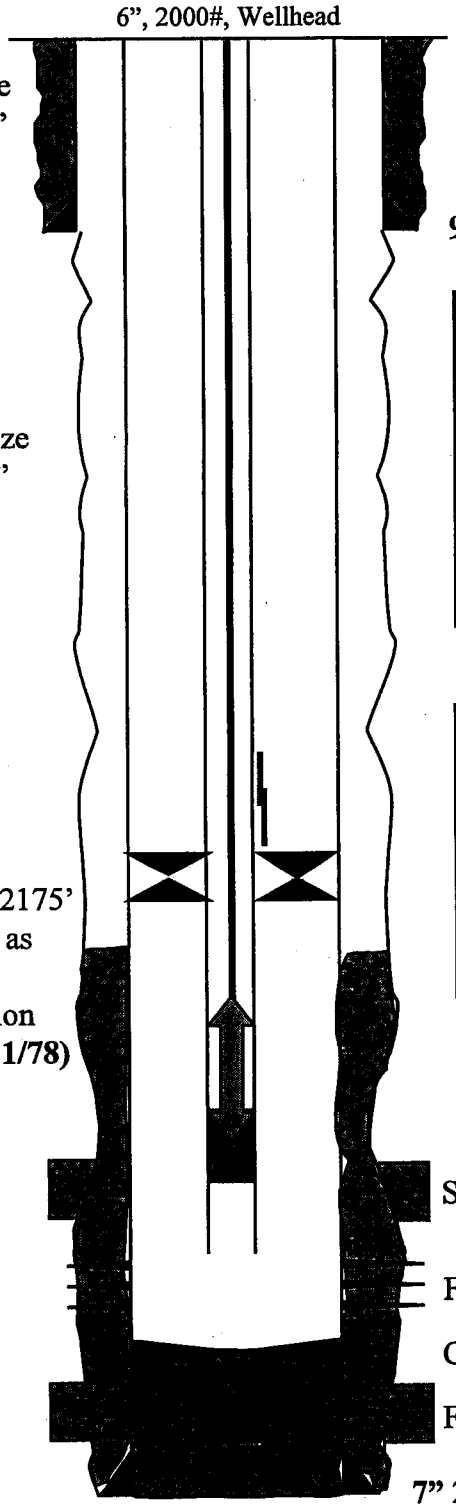
Citation Oil & Gas Corporation
Pineview #4-4S
Wellbore Diagram

Present Status

Ground Elevation = 6610'
RKB = 6620'
KB = 10'

Surface Location

909' FSL & 824' FEL, SE SE,
Section 4, T-2-N, R-7-E,
Summit County, UT



9 5/8" 40# K-55 Csg @ 419' cmt'd W/280 sx

TUBING DETAIL			
Qty	Description	Length	Depth
---	KB (used)	12	12.00
88	2 7/8", N-80, 6.5#, 8rd, EUE tbg	2,704.88	2,716.88
1	7" Baker TAC in 14K tension	2.32	2,719.20
4	2 7/8", N-80, 6.5#, 8rd, EUE tbg	126.74	2,845.94
1	S.N.	1.10	2,847.04
1	2 7/8", N-80, 6.5#, 8rd, EUE MA	31.05	2,878.09

ROD & PUMP DETAIL			
Qty	Description	Length	Depth
1	1 1/2" Polished rod	26	26.00
2	1" X 2' pony rods	4	30.00
107	3/4" API grade "D" rods	2,675.00	2,705.00
4	1" API grade "D" rods	100.00	2,805.00
4	25 - 200 - 24' - RHBC	24.00	2,829.00

SQZ Perfs: 2749 (4 JS) **(Shot & SQZ'd-11/78)**

Frontier Perfs: 2784-2832 & 62-82 (4 JSPF) **(11/78)**

CICR @ 2910' **(11/78)**

Frontier Perfs: 2930-42 & 47-80 (4 JSPF) **(Shot & SQZ'd-11/78)**

7" 23# N-80 & K-55 Csg @ 3156' cmt'd W/200 sx

PBTD = 2910'
TD = 3156'

State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

CONDITIONS OF APPROVAL TO PLUG AND ABANDON WELL

Well Name and Number:	Pineview 4-4S
API Number:	43-043-30083
Operator:	Citation Oil & Gas Corp.
Reference Document:	Original Sundry Notice Dated July 26, 2004 Received by DOGM on July 28, 2004

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338

2. CHANGE STEP 5 – CICR +/- 419' place squeeze perfs +/- 469'. Squeeze 35 sks below retainer and spot 10 sks above retainer.

3. All intervals between plugs shall be filled with noncorrosive fluid.

4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.

5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.

6. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.

7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet
Petroleum Engineer

August 9, 2004
Date

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

API Well No: 43-043-30083-00-00 **Permit No:** **Well Name/No:** PINEVIEW 4-4S

Company Name: CITATION OIL & GAS CORP

Location: Sec: 4 T: 2N R: 7E Spot: SESE

Coordinates: X: 487050 Y: 4531006

Field Name: PINEVIEW

County Name: SUMMIT

Change - step #4
100/(1.15)(4.524) = 20 sks
100/(1.15)(6.315) = 15 sks

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	419	12.25		
SURF	419	9.625	40	
HOL2	3156	8.75		
PROD	3156	7	23	4.524

6.310

Cement from 419 ft. to surface

Surface: 9.625 in. @ 419 ft.

Hole: 12.25 in. @ 419 ft.

$$\frac{[(1.2)(8.75)]^2 - 7^2}{183.35} = 2.99$$

change step 5 CICR @ 419 sqz perfs @ 469

above 50/(1.15)(4.524) = 10
below (1) 50/(1.15)(4.524) = 10
below (0) 50/(1.15)(6.315) = 7
below (0) 50/(1.15)(2.99) = 15
35 sks

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	3156	2175	UK	200
SURF	419	0	UK	280

Perforation Information

No open perfs - sqzed

TOC 2175

Formation Information

Formation	Depth

plug #1 CICR @ 2730
Above (10 sks)(1.15)(4.524) = 52'
below (50 sks)(1.15)(4.524) = 260'

2749 Top sqzd perf

CICR @2910

Cement from 3156 ft. to 2175 ft.

Production: 7 in. @ 3156 ft.

Hole: 8.75 in. @ 3156 ft.

TD: 3156 **TVD:** **PBTD:**

INSPECTION FORM 7

STATE OF UTAH
DIVISION OF OIL GAS AND MINING
PLUGGING OPERATIONS

Well Name: Pineview 4-4S **API Number:** 43-043-30083

Qtr/Qtr: SESE, **Section:** 4, **Township:** 2 N, **Range:** 7 E, **County:** Summit

Company Name: Citation Oil & Gas Corp / Val Meadows (N0265)

Lease: State ____ Fee X Federal ____ Indian ____ **Surface:** Fee/Gilmore

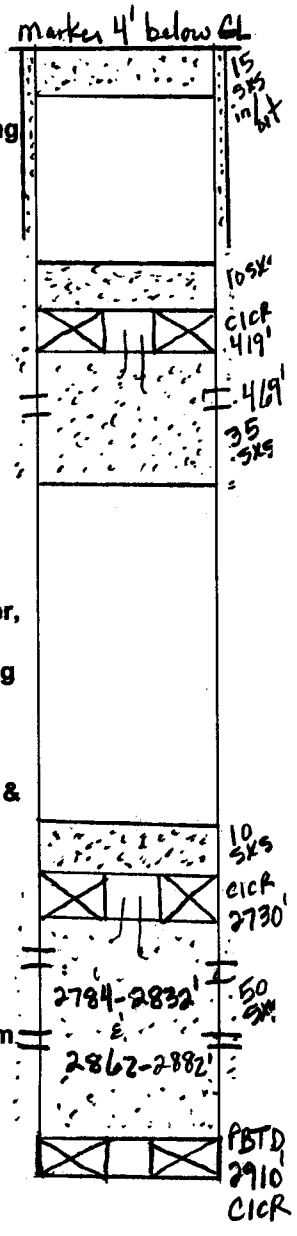
Inspector: Lisha Cordova **Date:** December 9, 2004

ExCell Services Inc/Rig 15 – Mark Martin (Tool Pusher), Graco (BOP/Accumulator), Weatherford/WellServ (Wireline/Perfs), Outlaw Oil Tools (Bit & Scrapper/CICR), Dalbo (Water Hauler), Flare Construction (Dirtwork/Welding).

Casing Tested: YES X NO ____ **Results:** No Leaks

Cementing Company: Halliburton

Draw a wellbore diagram as plugged:



COMMENTS: 12/8/04 Prior to arrival, difficulty pulling tbg from well bore (paraffin build-up). TIH w/WS "L-80 2 7/8" 6.5#" & bit & scraper to PBTD @2910', TOH. TIH w/WS & CICR & set @2730', stung out & circ hole w/fresh water, pressure tested csg to 300 psi ok, stung back into retainer & WOC. 12/9/04 At time of arrival, WOC approx. 2 ½ hrs (crew late/bad weather), hooked up cementer & pressure tested tbg @3000 psi ok, established injection rate & pumped 50 sxs cmt @3bpm 300 psi "all cmt Glass G 1.15 yld 15.8#" below retainer (open perfs from previous ops @2784-2832' & 2862-2882') & 10 sxs on top (12.2 bbls total), displaced 14 bbls. POOH w/tbg to 2600' (5-30' jts) & reverse circ w/100 bbls packer fluid, approx. 1 bbl cmt returns. POOH w/tbg (6-60' stands in derrick & LD 74.6-30' jts). RIH w/perf gun & shot 4 perfs @469', ROH. TIH w/WS & CICR & set @419', TOH. Hooked up cementer, established injection rate & pumped 35 sxs cmt @2 bpm 200 psi below retainer, displaced brackish water/drilling mud & appeared to have some cmt to surf between annulus?, stung out & pumped 10 sxs on top (9 bbls total), displacement. Pulled tbg to 250' (8-30' jts in hole) & reverse circ w/20 bbls packer fluid, POOH w/tbg. ND BOP. Flare Const. dug around WH w/backhoe & cut off approx. 4' below surface. Rigged up 1" pipe & pumped 15 sxs (3 bbls) cmt inside prod csg flowing cmt over top into annulus (unable to fit 1" pipe into annulus & unable to pump 10 sxs cmt out/cmt outside from cmt sqz @469'?). Flare Const. welded a metal plate, w/op & well info listed on top, to surf csg. Marker buried per landowner "Gilmore" request. Notified operator that final reclaim is due by 12/09/05 (1yr from plugging), see photos. Cement ticket attached.

Attach copy of cement ticket if available.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: **FEE**

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL ☒ GAS ☐ OTHER:

8. Well Name and Number: **Pineview 4-4S**

2. Name of Operator: **Citation Oil & Gas Corp.**

9. API Well Number: **43-043-30083**

3. Address and Telephone Number: **P O Box 690688, Houston, Texas 77269 (281) 517-7800**

10. Field and Pool, or Wildcat: **Pineview**

4. Location of Well

Footages: **909 FSL & 824 FEL** County: **Summit**

QQ, Sec., T., R., M.: **SE SE Sec. 4-T2N-R7E** State: **Utah**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment*	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☐ Other	
☐ Other			
Approximate date work will start		Date of work completion **12/9/2004**	

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU and TOH with rods and tubing. TIH with bit & scraper – tagged CIBP @2893'. TIH with CICR – set @2715'. Stung out and rev circ'd. Stung into retainer, EIR and squeezed 60 sx below, stung out and pumped 10 sx on top. Rev circ'd & pumped 100 bbls packer fluid. RIH to 469' and shot squeeze perfs. TIH with CICR – set @417'. Pumped 35 sx below CICR, stung out and put 10 sx on top. Rev. circ'd with packer fluid. Dug out and cut off wellhead. Filled surface casing annulus with water – held OK. Pumped cement into annulus and 7" casing for surface plug. Welded on well marker and RDMO. WELL PLUGGED AND ABANDONED 12/9/2004. Will reclaim location at a later date.

13. Name & Signature: Debra Harris **Debra Harris** Title: **Prod./Reg. Coord.** Date: **12/10/2004**

(This space for State use only)

(12/92) (See Instructions on Reverse Side)

RECEIVED

DEC 13 2004

DIV. OF OIL, GAS & MINING

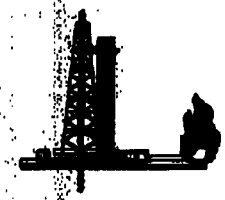
CITATION

Pineview
4-4S

Sec. Towns. Ran.

9-Dec-04
Summit, UT

PTA



Customer Representative:
VAL MEADOWS
Halliburton Operator:
GORDON CONRAD
Ticket No.:
3438282

HALLIBURTON

RECEIVED
DEC 14 2004
DIV. OF OIL, GAS & MINING

Job Log

Ticket # 3438262	Ticket Date 12/09/04		
Region NORTH AMERICA LAND	Area/Country WESTERN	BDA / State DENVER, CO	County Summit, UT
MBU ID / Empl # 122458	HES Employee Name GORDON CONRAD	Pro. Department ZONAL ISOLATION	
Location 55365 ROCK SPRINGS	Company CITATION	Customer Rep/Phone VAL MEADOWS	
Ticket Amount NA	Well Type 02 GAS	API/UWI NA	
Well Location Coalville, UT	Department CEMENTING SERVICES 10003	Job Purpose Code 7528	
Lease/Well # Pineview	Well No. 4-4S	SEC/TWP/RNG	

Date	Time	Rate	Volume	Pumps			Pressure		Job Description / Remarks
12/9	0955								Journey management safety Meeting
12/9	0630								Arrive Location, Safety Meeting for Location assessment
	0645								Spot Trucks, Begin Rig up
	1000								Safety Meeting
	1020						3000		Pressure test @ 3000 psi
	1030	2.0					1100		Start injection test, 2 bpm @ 1100 psi
	1040		20.0						End injection test
	1045	3.0					300		Start cement, 60 sacks @ 15.8#
	1050		12.2						End cement
	1050	3.0					300		Start displacement
	1100		14.0						Spot cement, shutdown, POOH
	1130	2.0					150		Reverse circulate tubing w/ pecker fluid
	1215		100.0						Shutdown, POOH
	1515	2.0	15.0				200		Start injection test, 2 bpm @ 200 psi
	1525	2.0					8		Start cement, 45 sks @ 15.8#
	1529		9.0				5		End cement
	1529	1.0					12		Start displacement
	1530		0.5						Shutdown, POOH
	1545	2.0					10		Reverse circulate tubing w/ pecker fluid
	1600		20.0						Shutdown, POOH, wait on rig
	1745								Rig up 1-inch iron
	1800	1.0	3.0				10		Mix and pump 15 sks cement @ 15.8#
	1815								Shut down
	1820								Safety Meeting
	1830								Rig down HES iron, wash-up pump truck to pit
	1900								Journey management safety Meeting
	1915								Depart location

Good returns to surface through out job — Yes

1 Barrels of cement returned to surface

THANK YOU FROM SHANE AND CREW

JOB SUMMARY

NORTH AMERICA LAND	WESTERN	DENVER, CO	Summit, UT
122468	GORDON CONRAD	ZONAL ISOLATION	
55555 ROCK SPRINGS	CITATION	VAL MEADOWS	
NA	GI GAS	NA	
Coalville, UT	CEMENTING SERVICES 10003	7522	PTA
Pineview	4-46		

T.MCCLURE 122027	S. CONRAD 286844	K. Amis	L. Maughan

10547955 PICKUP S.C.	250	10351995 20-4	250	10026529-10516494 BULK	250

Form. Name
Form. Thickness From To
Packer Type Set At
Bottom Hole Temp. Pressure
Retainer Depth Total Depth 2715

Date	Called Out 12/9/2004	On Location 12/9/2004	Job Started 12/9/2004	Job Completed 12/9/2004
Time	0900	0930	1000	1820

Type and Size	Qty	Make
Float Collar 7		HALCO
Float Shoe 7		HALCO
Centralizers 7		HALCO
Bottom Plug 7		HALCO
Top Plug 7		HALCO
DV Collar 7		HALCO
DV Shoe 7		HALCO
Limit Clamp 7		HALCO
DV Tool 7		HALCO
Guide Shoe 7		HALCO
Plug Set 7		HALCO
Weld-a		HALCO

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	new	23.0	7		surface	2,882	3,000
Casing							
Liner							
Liner Tie Back							
Tubing		6.4	2 7/8		surface	2,715	
Drill Pipe							
Open Hole							Shots/Ft.
Perforations					2,784	2,882	
Perforations					488		
Perforations							

Mud Type WATER/BASE Density Lb/Gal
Disp. Fluid H20 Density 8.33 Lb/Gal

Plug #1 Set at	2684.00	to	2500.00	Ft	60 Sks
Plug #2 Set at	488.00	to	419.00	Ft	45 Sks
Plug #3 Set at	50.00	to	Surface	Ft	15 Sks
Plug #4 Set at		to		Ft	Sks
Plug #5 Set at		to		Ft	Sks
Plug #6 Set at		to		Ft	Sks
Plug #7 Set at		to		Ft	Sks
Plug #8 Set at		to		Ft	Sks

Beging Strap / End Strap / Lead Cmt
Beging Strap / End Strap / Lead Cmt
Beging Strap / End Strap / Lead Cmt
Beging Strap / End Strap / Lead Cmt
Beging Strap / End Strap / Tail Cmt
Beging Strap / End Strap / Tail Cmt

Date	Hours	Date	Hours
12/9	10.00	12/9	3.00
	10.0		3.0

Description of Job: See Job Log

Ordered 1 unit Avail. 1 Unit Used 1 Unit
Treating 3 Disp. 3 Overall 3
Feet 60.00 Reason PLUG

Stage	Sacks	Cement	Bulk/Sks	Additives	Wtr/g.	Yield	Lbs/Gal	BBLs
1	60	AG-300	Bulk	NA	5.00	1.15	15.80	12.3
2	45	AG-300	Bulk	NA	5.00	1.15	15.8	9.2
3	15	AG-300	Bulk	2% CC	5.00	1.15	15.8	3.1
4			Bulk					0.0
								0.0

Circulating Rig Displacement Water
Breakdown Maximum 3,000
Good Returns: Yes Lost At
Cmt Rtrn/Bbl 1 Actual TOC Surface
Average 3 Frac. Gradient
Shut In: Instant 15 Min. 30 Min.

Preflush: Gal - Bbl 10 Type: Water
Lead & Slurr: Gal - Bbl Pad:Bbl -Gal
Excess /Return/Gal Bbl Calc.Disp Bbl 14
Calc. TOC: Surface Actual Disp. 14
Treatment: Gal - Bbl Disp:Bbl-Gal Bbl
Cement Slurry: 25
Total Volume Gal - Bbl 85

THE INFORMATION STATED HEREIN IS CORRECT
CUSTOMER REPRESENTATIVE VAL MEADOWS

RECEIVED
DEC 14 2004
DIV. OF OIL, GAS & MINING

4304330083
2N 7E 04

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

December 5, 2005

CERTIFIED MAIL NO. 7002 0510 0003 8603 0140

Ms. Debra Harris
Citation Oil & Gas Corporation
P.O. Box 690688
Houston, Texas 77269-0688

Re: Second Notice of Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases dated January 22, 2004.

Dear Ms. Harris:

This correspondence is in response to Citation Oil & Gas Corporation's ("Citation") fourteen (14) sundries with various dates between June 23 and October 20, 2005. In 2004, the Division of Oil, Gas and Mining (the "Division") gave approval for extended shut-in/temporarily abandoned (SI/TA) well status for the then seventeen (17) SI/TA wells. The approval was based on a plan to plug and abandon (P&A) four (4) wells and submit integrity information on the remaining thirteen (13) wells. In 2004, Citation did plug three (3) wells and submitted some limited integrity information on the remaining fourteen (14) wells.

In 2005, a plan dated July 21, 2005 (actual date appears to have been July 20, 2005 as this is the date stamp from the fax and the date stamped as received by the Division) was submitted in addition to the several sundries with various information on them requesting extended SI/TA. Inadequate information was supplied for approval of extended SI/TA status as noted on Attachment A. Requests for extended SI/TA status MUST include the following: 1) the reason for extended SI/TA, 2) the length of time expected to be SI/TA and 3) a showing the well has integrity. The Division felt that none of the requests properly addressed the integrity issue. Just supplying pressures and fluid levels does not by itself show wellbore integrity. It is up to the operator to show integrity. The operator should explain how the submitted information shows integrity. Several of the requests were lacking in the first two requirements as well.

In addition to having insufficient information, NOTHING has been accomplished from the submitted plan. Of the fourteen (14) current SI/TA Fee or State wells, the July 20, 2005 plan proposed the P&A of seven (7) wells, conversion to a water injection well for 1 well and the conversion to a salt water disposal well for 1 well. The referenced sundries also suggested that an additional three (3) wells may be P&A out of those fourteen (14) wells.

The Division requests that Citation submit the necessary information for these six wells by January 13, 2006 or further action will be initiated. This information includes reason for SI/TA, length of time for SI/TA and a showing that the wells have integrity. Please refer to the Division letter dated January 22, 2004 for more information on the requirements.

For reference, Attachment A lists the wells subject to the request. If you have any question or need additional assistance in regards to this matter please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

Attachment
cc: Well file
Operator compliance file
SITLA

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive	Reason(s) for Denial
1	Walker Hollow U 58	43-047-30912	State	7 Years 7 Months	Reason, Length, Explanation, Integrity(Dynamic)
2	Walker Hollow 44	43-047-30688	State	17 Years 3 Months	Length, Explanation, Integrity
3	UPRR 35-2H	43-043-30305	Fee	7 Years 1 Month	Length, Explanation
4	Bingham 10-1	43-043-30025	Fee	7 Years 6 Months	Explanation, Integrity(Dynamic)
5	UPRC 3-11H	43-043-30318	Fee	7 Years 4 Months	Explanation, Integrity(Dynamic?)
6	Bionquist 26-3	43-043-30235	Fee	8 Years 9 Months	Reason, Explanation
7	Bingham 2-2	43-043-30028	Fee	8 Years 6 Months	Reason, Explanation
8	Elkhorn Watton Cyn U 19-2X	43-043-30300	Fee	8 Years 7 Months	Length, Explanation, Reason?
9	Elkhorn Watton Cyn U 18-1	43-043-30284	Fee	9 Years 3 Months	Length, Explanation, Reason?
10	Bingham 2-4	43-043-30038	Fee	9 Years 7 Months	Reason, Explanation
11	UPRR 3-1	43-043-30012	Fee	16 Years 2 Months	Explanation, Integrity(Dynamic?)
12	Judd 34-1	43-043-30061	Fee	13 Years 11 Months	Reason, Explanation
13	Judd 34-3	43-043-30098	Fee	13 Years 11 Months	Reason, Explanation
14	Pineview 4-3	43-043-30083	Fee	1 Year 10 Months	Reason,Length, Explanation, Integrity

Length = Lacking length of time information
Explanation = Lacking explanation on how submitted information shows integrity
Integrity = Lacking integrity information
Dynamic = Integrity information shows wellbore condition to be dynamic
Reason = Lacking reason for extended SI/TA